



# भारत का राजपत्र The Gazette of India

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NEW DELHI, SATURDAY, NOVEMBER 3, 2001 (KARTIKA 12, 1923)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

### [PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]  
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PATENTS AND DESIGNS

Kolkata, the 3rd November 2001

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Goa and the Union  
Territories of Daman and  
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Guna Complex, 6th Floor, Annex-II,  
443, Annasalai, Teynampet,  
Chennai-600 018.

The States of Andhra Pradesh,  
Karnataka, Kerala, Tamilnadu and  
Pondicherry and the Union  
Territories of Laccadive,  
Minicoy and Aminidivi Islands.

Telegraphic address "PATENTOFFIC"

Phone No. 4314 4324/4325/4326.

Fax No. 431 4750/4751.

Patent Office (Head Office),  
NIZAM PALACE, 2nd M.S.O. Building,  
5th, 6th & 7th Floor,  
234/4, Acharya Jagadish Bose Road,  
KOLKATA-700 020.

Rest of India.

Telegraphic address "PATENTS"

Phone No. 247 4401, 4402/4403

Fax No. 033 247 3851, 0332401353.

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### पेटेंट कार्यालय एकस्य तथा अधिकल्प

कोलकाता, दिनांक 3 नवम्बर 2001

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :--

पेटेंट कार्यालय शाखा, टोडी इस्टेट,  
तीसरा तल, सन मिल कम्पाउंड,  
लोअर परेल (वेस्ट),  
मुम्बई - 400 013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश  
तथा गोआ राज्य क्षेत्र एवं संघ  
शासित क्षेत्र, दमन तथा दीव एवं  
दादरा और नगर हवेली।

तार पता - "पेटेफिस"  
फोन - 492 4058, 496 1370, 490 3684.  
फैक्स - 022 495 0622.

पेटेंट कार्यालय शाखा,  
डब्ल्यू-5, वेस्ट पटेल नगर,  
नई दिल्ली - 110 008।

हरियाणा, हिमाचल प्रदेश, जम्मू  
तथा कश्मीर, पंजाब, राजस्थान,  
उत्तर प्रदेश तथा दिल्ली राज्य  
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता - "पेटेंटोफिक"  
फोन - 586 1255, 586 1256, 586 1257,  
586 1258  
फैक्स - 011 586 1256

पेटेंट कार्यालय शाखा,  
गुणा कम्प्लेक्स, छठ तल, एग्रेस-II,  
443, अन्नासलाई, तेनामपेट,  
चेन्नई - 600 018।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु  
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ  
शासित क्षेत्र, लक्षद्वीप, मिनिक्काय तथा  
एमिनिदिषि द्वीप।

तार पता - "पेटेंटोफिक"  
फोन - 431 4324/4325/4326.  
फैक्स - 431 4750/4751.

पेटेंट कार्यालय (प्रधान कार्यालय),  
निर्जाम पैलेस, द्वितीय बहुतलीय कार्यालय  
भवन, 5वां, 6वां व 7वां तल,  
234/4, आचार्य जगदीश बोस मार्ग,  
कोलकाता - 700 020।

भारत का अंतर्राष्ट्रीय क्षेत्र।

तार पता - "पेटेंट्स"  
फोन - 247 4401, 4402/4403  
फैक्स - 033 247 3851, 033 240 1353.

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999 अथवा पेटेंट (संशोधन) विधम, 1972 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय को केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा की जा सकती है।

**APPLICATION FOR THE PATENTS OFFICE BRANCH AT TODI ESTATE, 3<sup>RD</sup> FLOOR,  
SUN MILL COMPOUND LOWER PAREL (W), MUMBAI :- 400 013.**

**27/3/2001**

278/MUM/2001	ISPAT INDUSTRIES LIMITED	Development of IS2062 Grade Fe410WC, Steel for General Structural Purposes with enhanced Toughness Property.
279/MUM/2001	ISPAT INDUSTRIES LIMITED	An Innovative Approach Towards Improvement in Mould Water Quality Closed Loop System of the Thin Slab Caster CSP Plant.
280/MUM/2001	SUN PHARMACEUTICAL INDUSTRIES LIMITED	Process for the preparation of a stable ophthalmic composition.
281/MUM/2001	GHANWAT ANIL RAMCHANDRA DR. TAWARE ROHIDAS GOPINATH	Herbal Cattle Milk Booster and Tonic
282/MUM/2001	DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA	On Line process Instrumentation Loop Calibrator
283/MUM/2001	ATUL NIGAM	A Method of Teaching and or Imparting Knowledge and A Device or Devices and Apparatus for carrying out the Method
284/MUM/2001	PRABHAKAR DAMODAR GODBOLE	Automatic Gate for Ogee Spillways
285/MUM/2001	FDC LIMITED	A Method of producing cationic peptide
286/MUM/2001	BAYER AKTIENGESELLSCHAFT (Priority Date: 3/4/2000) Germany	Continuous process for preparing metal complex pigments
287/MUM/2001	BAYER AKTIENGESELLSCHAFT (Priority Date: 11/4/2000) Germany	Active Compound Combination Having Insecticidal and Acaricidal Properties

**28/3/2001**

288/MUM/2001	MUKUND SHRIDHAR SAPRE	A Novel Power-Saver, Power Multiplier & Power Generator IE Eternal Power Machine (EPM)
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28/3/2001

289/MUM/2001	PROF. RAM BAHADUR SINGH PROF. ADARSH KUMAR DR. MOHAMMAD ARIF NIAZ	A Process for preparing A new antioxidant formulation for Treatment of Acute Myocardial Infarction for prevention of remodeling and Heart failure
290/MUM/2001	HONDA GIKEN KOGYO KABUSHIKI KAISHA (Priority Date: 3/4/2000 & 19/1/2001) JAPAN	Permanent Magnet type electric rotating machine
291/MUM/2001	HONDA GIKEN KOGYO KABUSHIKI KAISHA	Starter/Generator
292/MUM/2001	E.I. DU PONT DE NEMOURS AND COMPANY	Coating Composition

29/3/2001

293/MUM/2001	SACHIN ARUN INAMDAR	A clean or unclean fuel fired steam generator
294/MUM/2001	SACHIN ARUN INAMDAR	A Clean or unclean fuel fired steam generator
295/MUM/2001	NABARUN CHOWDHURY	Distal Ligating band dispensing cylinder
296/MUM/2001	EMHART GLASS S. A.	Adaptive motion controller
297/MUM/2001	EMHART GLASS S. A.	Adaptive motion controller
298/MUM/2001	ROHM AND HAAS COMPANY	A Method to prepare Cyclopropenes
299/MUM/2001	BAJAJ AUTO LTD.	Electronic fuel saving device for 2 & 3 wheelers with hand operated Accelerator control

30/3/2001

300/MUM/2001	CELES	Transverse flux Induction Heating Device with Magnetic circuit of Variable Width
301/MUM/2001	SULZER CHEMTECH AG	Mixing Element for a Flange transition in a Pipeline
302/MUM/2001	ITW LIMITED	Protective Packaging sheet
303/MUM/2001	SATISH PATHAK	Digital controlled precise dispensing valve for Liquide under Gravity Flow
304/MUM/2001	SATISH PATHAK	Special purpose functional keyboard to be used with personal Computer
305/MUM/2001	SAURASHTRA UNIVERSITY	Preparation of novel products for Pharmaceutical Usages from Reaction of Phenols and Acetylacetone
306/MUM/2001	SAURASHTRA UNIVERSITY	Novel compound namely methyl substituted dioxatetracyclo Heptadeca-2,4,6,11,13,15-Hexaene

2/4/2001

307/MUM/2001	PRABHAKAR DAMODAR GODBOLE	Butterfly gate for use on Anicuts
308/MUM/2001	DR. KADAM SHIVAJIRAO'S DR. SHINDE BABANRAO M. DR. GHATGE NANASAHEB D. GHATGE PRITHVIRAJ N.	Coloured Polyamide Polymers from Monoisocyanates
309/MUM/2001	DR. GHATGE NANASAHEB D. GHATGE SHIVRAJ N. DR. KADAM SHIVAJIRAO S. DR. SHINDE BABANRAO M.	Storage stable, Rosin modified phenolic resins for rubber Reinforcements

3/4/2001

310/MUM/2001	HINDUSTAN LEVER LIMITED	Improved delivery of benefit agents
311/MUM/2001	VARSHA D. GAWAND	Microwave container for cooking rice, pulses cereals and their Variations
312/MUM/2001	GODREJ & BOYCE MFG. CO. LTD.	An Improved Padlock
313/MUM/2001	GODREJ & BOYCE MFG. CO. LTD.	An Improved-locking strip
314/MUM/2001	SHYAM BHATIA	Tamper proof security system for preventing counterfeiting of Any product

4/4/2001

315/MUM/2001	ASHOK KIRTILAL JHAVERI THAKOR JAGMOHANDAS SHAH	A Process of preparing an Ayurvedic herbal toothpaste and powder with natural Flouride
316/MUM/2001	DR. DAFTARY-GAUTAM VINOD	Parenteral cisplatin emulsion composition
317/MUM/2001	TATA FICOSA AUTOMOTIVE SYSTEMS LTD.	Rear view mirror for two wheeled vehicles
318/MUM/2001	BAYER AKTIENGESELLSCHAFT	Phenyl-Substituted 4-Hydroxy-Tetrahydropyridones
319/MUM/2001	HONDA GIKEN KOGYO KAUSHIKI KAISHA	Fuel supply system for carburetor

9/4/2001

320/MUM/2001	WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION	Electically controlled pneumatic end of train pneumatic emulation system
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9/4/2001

321/MUM/2001	INTERNAP NETWORK SERVICES	Private network access point router for Interconnecting among Internet route providers
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10/4/2001

322/MUM/2001	HINDUSTAN LEVER LIMITED	Improved low density detergent composition
323/MUM/2001	SUN PHARMACEUTICAL INDUSTRIES LTD.	Spaced drug delivery system for the treatment of diabetes
324/MUM/2001	SUN PHARMACEUTICAL INDUSTRIES LTD.	Spaced drug delivery system for the treatment of diabetes Mellitus
325/MUM/2001	SUN PHARMACEUTICAL INDUSTRIES LTD.	Spaced drug delivery system
326/MUM/2001	SUN PHARMACEUTICAL INDUSTRIES LTD.	A combination of Antidiabetic agents

11/4/2001

327/MUM/2001	MUKESH S. SHAH MITA M. SHAH	A natural feel rubber nipple for top Feeding
328/MUM/2001	RAVI SRINIVASAN IYER	Composition of Bio degradable hmhdpe carry bages & the method for making the same.
329/MUM/2001	HINDUSTAN LEVER LIMITED	Process for preparation of vegetable an fruit pieces
330/MUM/2001	HINDUSTAN LEVER LIMITED	Laundry wash compositions

11/4/2001

331/MUM/2001	HINDUSTAN LEVER LIMITED	Laundry wash compositions
332/MUM/2001	HINDUSTAN LEVER LIMITED	Granular detergent component and process for its preparation
333/MUM/2001	CADILA HEALTHCARE LIMITED	Process for the production of Amorphous Atorvastatin Calcium
334/MUM/2001	CADILA HEALTHCARE LIMITED	Process for the production of Atorvastatin calcium in amorphous Form
335/MUM/2001	ZYDUS RESEARCH CENTER	D##qryho#surfhvv#wr#suhsduh#xvhixo#n-amino phenyl acetic acid derivatives
336/MUM/2001	DPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA	A Process for production of Banana Juice and Banana Powder from Ripe Banana

12/4/2001

337/MUM/2001	VILAS BANDOBA REWALE	An Improved contactor for capacitor switching
338/MUM/2001	SCHLAFHORST ENGINEERING (INDIA) LIMITED	A draw frame machine with autoleveller
339/MUM/2001	BAYER AKTIENGESELLSCHAFT	Fungicidal Active compound combinations
340/MUM/2001	HONDA GIKEN KOGYO KABUSHIKI	Cooling water passage structure for water-cooled type internal combustion engine
341/MUM/2001	DR. MANOHAR SHAAN	Model for Particle repositioning maneuver



12/4/2001

342/MUM/2001 UDAY PANCHAL

A device which is a reusable adapter or end fitting for a MCC, when assembled to MCC, it enables the MCC mechanically connectable to corresponding end connection & when this assembly is connected to corresponding end connection, conveyed medium via MCC gets IP65 sealing & protection from mechanical hazards & temperature

16/4/2001

343/MUM/2001 HINDUSTAN LEVER LIMITED

Improved method of Packaging

344/MUM/2001 DR. BHIDE R. KASHINATH

Physiological, Fluid Pump

345/MUM/2001 SONY CORPORATION

Disk drive device

17/4/2001

346/MUM/2001 NIKIL VINODBHAI PATEL

Newkind of chain wheel for bicycle

347/MUM/2001 SCHULER PRESSEN GMBH &amp; CO.

Process and apparatus for manufacture of plate

18/4/2001

348/MUM/2001 HINDUSTAN LEVER LIMITED

Applicator

19/4/2001

349/MUM/2001 SONY CORPORATION

Container case for card type device, container case holder and Electronic device using such card type device

350/MUM/2001 BHANOT BALRAJ

A cost Defective pneumatic power steering for Heavy Commercial Vehicles

19/4/2001

351/MUM/2001	BANDBE VINAYAK SHANKAR	Turpentine oil (0 to 30%) fuel system to Enhance petrol Vehicle Average
352/MUM/2001	HINDUSTAN LEVER LIMITED	Improved process for preparing Particulates
353/MUM/2001	HONDA GIKEN KOGYO KABUSHIKI KAISHA	Piston internal combustion Engine

20/4/2001

354/MUM/2001	HINDUSTAN LEVER LIMITED	Improved detergent bar composition
355/MUM/2001	BAYER AKTIENGESELLSCHAFT	Substituted Iminoazines
356/MUM/2001 0	SUZUKI MOTOR CORPORATION	Structure of Air intake passage for engines
357/MUM/2001	PFIZER PRODUCTS INC.	Process for the preparation of the mesylate salt trihydrate of 1-(4-HYDROXYPHENYL)-2-(4-HYDROXY-4-PHENYLPYPERIDIN-1-YL)-1-Propanol and intermediates useful therefore
358/MUM/2001	PFIZER PRODUCTS INC	Process for the preparation of the mesylate salt trihydrate of 1-(4-HYDROXYPHENYL)-2-(4-HYDROXY-4-PHENYLPYPERIDIN-1-YL)-1-Propanol

23/4/2001

359/MUM/2001	TATA JOHNSON CONTROLS AUTOMOTIVE LTD.	A Process for manufacturing Automobile seats having polyurethane foam pads with polyethylene foam inserts
360/MUM/2001	ESSEL PACKAGING LTD.	To an improved method of forming pouches/sachets out of Laminate sheet having dispenser and cap, filled with liquid and/or semi liquid material and a machine therefor
361/MUM/2001	RAM BAHADUR SINGH ADARSH KUMAR DR. MOHAMMAD ARIF NIAZ	A Novel Antioxidant formulation for the treatment of Acute myocardial infarction for prevention of remodeling and heart failure
362/MUM/2001	BHANDARI NANDAN MOTILAL	A Process for making dry powder from alove Vera gel
363/MUM/2001	BLUE CROSS-LABORATORIES LTD.	Controlled release once daily ciprofloxacin formulation
364/MUM/2001	LARSEN & TOUBRO LTD.	A Novel way to achieve aligned front design in a family of Circuit breakers
365/MUM/2001	EASTMAN KODAK COMPANY	An image processing and manipulation system

24/4/2001

366/MUM/2001	BAYER AKTIENGESELLSCHAFT	Selective Herbicides based on heteroaryloxy-Acetamides
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24/4/2001

367/MUM/2001	BAYER AKTIENGESELLSCHAFT	6-Heterocyclyl-3-OXO-3,4-Dihydro-Quinoxalines
368/MUM/2001	BAYER AKTIENGESELLSCHAFT	Phenyl-Substituted 2-Enamino-Ketonitriles
369/MUM/2001	WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION	ECP Manifold vent valve insert
370/MUM/2001	WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION	Housing for a hand brake Mechanism
371/MUM/2001	WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION	Locomotive Air compressor with an electric motor supported by an external bearing
372/MUM/2001	WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION	Grade speed control and method for Railway freight vehicles
373/MUM/2001	WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION	Shaft extension for use with outboard bearing designs
374/MUM/2001	BAYER AKTIENGESELLSCHAFT	Process for preparing piper dines
375/MUM/2001	WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION	Gradual release mechanism for a railway car hand brake
376/MUM/2001	EIN KOHSAN CO. LTD.	Resin molded article having a spring structure and method of Producing the resin molded article

24/4/2001

377/MUM/2001	CADILA PHARMACEUTICALS LTD.	The process of preparing the topical Anti-Inflammatory/ Analgesic preparation
378/MUM/2001	GALAXY SURFACTANTS LTD.	Process for manufacture of water-soluble cationic, UV-absorbing Polymers

26/4/2001

379/MUM/2001	NIHON BAYER AGROCHEM K.K.	Novel, 1,3,5-TRIAZINES
380/MUM/2001	SONY CORPORATION	Information processing system and information processing Apparatus
381/MUM/2001	WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION	Combined bearing plate and stator frame casting
382/MUM/2001	ACHAL BAKERI	An Air cooler
383/MUM/2001	SATISH GOKHALE	Stirrer devices for beverages
384/MUM/2001	DEEPAK PRANJIVANDAS SHAH V. T. BALCHANDRAN	A safe, effective insecticidal formulation
385/MUM/2001	DEEPAK PRANJIVANDAS SHAH V. T. BALCHANDRAN	Process for the manufacture of a safe, Effective Insecticidal formulation

**26/4/2001**

386/MUM/2001	DEEPAK PRANJIVANDAS SHAH V. T. BALCHANDRAN	Novel Insecticidal formulation
387/MUM/2001	DEEPAK PRANJIVANDAS SHAH V. T. BALCHANDRAN	Novel process for the Manufacture of a novel insecticidal formulation
388/MUM/2001	DEEPAK PRANJIVANDAS SHAH V. T. BALCHANDRAN	Superior, Efficacious and novel insecticidal formulation and a method of use of the same
389/MUM/2001	DEEPAK PRANJIVANDAS SHAH V. T. BALCHANDRAN	A Novel process for the manufacture of superior, Efficacious Insecticidal formulation
390/MUM/2001	DEEPAK PRANJIVANDAS SHAH V. T. BALCHANDRAN	A coherent, superior fungicidal formulation
391/MUM/2001	DEEPAK PRANJIVANDAS SHAH V. T. BALCHANDRAN	Process for the manufacture of a coherent, superior, fungicidal formulation
392/MUM/2001	DEEPAK PRANJIVANDAS SHAH V. T. BALCHANDRAN	An improved, Novel Agrochemical formulation
393/MUM/2001	DEEPAK PRANJIVANDAS SHAH V. T. BALCHANDRAN	An Improved, process for the manufacture of a novel Agrochemical formulation
394/MUM/2001	NICHOLAS PIRAMAL INDIA LTD.	A single step process for the preparation of glucosamine Sulphate metal salts

27/4/2001

395/MUM/2001	SONY CORPORATION	Method and apparatus for displaying information and program and medium used therefore
396/MUM/2001	SONY CORPORATION	Apparatus and method for processing information and program and medium used therefore
397/MUM/2001	SONY CORPORATION	Information processing apparatus and method and program and Program storage medium
398/MUM/2001	ALSTOM	A Circuit breaker including a moving assembly contained inside a casing filled with a dielectric gas under pressure
399/MUM/2001	EASTMAN KODAK COMPANY	Color photothermographic elements comprising blocked Developing agents
400/MUM/2001	HOND GIKEN KOGYO KABUSHIKI KAISHA	Power unit for vehicle
401/MUM/2001	WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION	Device for securing a sealing member in a predetermined position
402/MUM/2001	WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION	Apparatus for a quick release mechanism in a railcar hand brake
403/MUM/2001	BRISTOL-MYERS SQUIBB CO.	Flash-Melt oral dose formulations

27/4/2001

404/MUM/2001	INSTITUTE FOR PLASMA RESEARCH	Hollow anode plasma torch
405/MUM/2001	DEPARTMENT OF ATOMIC ENERGY	A Process for the preparation of an insect communication modifier from Zanth oxylum alatum seed oil

30/4/2001

406/MUM/2001	ANUP NIVRUTTI KOLE	An improvement in and in relation to internal combustion Engines and motors
407/MUM/2001	HINDUSTAN LEVER LIMITED	Improved detergent composition
408/MUM/2001	GHARDA CHEMICALS LTD.	A Novel process for preparation of 4-(4-phenoxyphenoxy) Benzoic acid, a polymer monomer, from 1-(4-methylphenoxy), 4-phenoxybenzene, by air oxidation
409/MUM/2001	TELKAR SHANKAR SATWAJIRAO	Invention to use a shirt, T-Shirt, any garment (with color) for Longer period
410/MUM/2001	MEDICAL TECHNOLOGY LTD.	Microprocessor based continuous cyclic peritoneal dialysis Machine
411/MUM/2001	LUPIN LABORATORIES LTD.	Improved process for manufacture of Fosinopril sodium



**30/4/2001**

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|--------------|------------------------------------|--|
| 412/MUM/2001 | STERLITE OPTICAL TECHNOLOGIES LTD. | Dispersion shifted fiber having Low dispersion slope |
| 413/MUM/2001 | KULDEEP JAIN HEREBY DECLARE        | Securities transaction processing system             |

**1/5/2001**

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| 414/MUM/2001 | JOHNSON & JOHNSON LTD. | A system for making a medicated non-occlusive pad |
|--------------|------------------------|---|

**2/5/2001**

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|--------------|--------------------------------|--|
| 415/MUM/2001 | E.I. DUPONT DE NEMOURS AND CO. | Hydroxyl functional urethanes having a tertiary carbamate bond |
| 416/MUM/2001 | EASTMAN KODAK COMPANY          | A Thermal processing system and method including a kiosk       |

**3/5/2001**

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|--------------|--------------------------|---|
| 417/MUM/2001 | HINDUSTAN LEVER LIMITED  | Improved detergent bar  |
| 418/MUM/2001 | HINDUSTAN LEVER LIMITED  | A Refill cartridge  |
| 419/MUM/2001 | BAYER AKTIENGESELLSCHAFT | Active compound combination having insecticidal and acaricidal properties |
| 420/MUM/2001 | BAYER AKTIENGESELLSCHAFT | Substituted N-Benzoyl-N'-(TETRAZOLYLPHENYL)-Ureas                         |

**3/5/2001**

421/MUM/2001	BAYER CORPORATION	Praziquantel compounds for treating diseases due to sarcocystis, Neospora, toxoplasma and Isospora
422/MUM/2001	BAYER AKTIENGESELLSCHAFT	Process for the preparation of D, L-Menthol
423/MUM/2001	KHANDELWAL SHYAM SUNDER	Process for the purification and Recovery of sterols
424/MUM/2001	KHANDELWAL SHYAM SUNDER	Process for the extraction of high-grade soy lecithin in powder And liquid form

**4/5/2001**

425/MUM/2001	MACLEODS PHARMACEUTICALS LIMITED	A Process for preparation of pharmaceutical composition containing a glucocorticoid
426/MUM/2001	PREMARK RWP HODINGS INC.	Interconnecting disengageable flooring system
427/MUM/2001	GORE SUBHASH KASHINATH	A System for processing of soft solids in dough form for producing Substantially spherical shaped products there from especially Soft food products such as sweet meat and the like

**8/5/2001**

428/MUM/2001	DR. BHIDE RAMCHANDRA KASHINATH	Printed armature brush less D. C. motor
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8/5/2001

429/MUM/2001	KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY	Humanized antibody specific for surface antigen PRE-S1 of HBV
430/MUM/2001	INDURKUMAR VASANMAL VASWANI	A Device which is a Gas Saver / Fuel Saver
431/MUM/2001	EASTMAN KODAK COMPANY	Plurality of picture appearance choices from a color photographic Recording material intended for scanning
432/MUM/2001	HUSCO INTERNATIONAL, INC.	Regenerative suspension for an off-road vehicle
433/MUM/2001	BAYER AKTIENGESELLSCHAFT	A Substituted Benzoylisoxazole
434/MUM/2001	DEEPAK PRANJIVANDAS SHAH KOMAL SHAH	A Novel fluidized bed spray drier for the manufacture of granules
435/MUM/2001	DEEPAK PRANJIVANDAS SHAH KOMAL SHAH	A Fluid bed spray granulator for coating and granulation through continuous and batch manufacture
436/MUM/2001	DEEPAK PRANJIVANDAS SHAH KOMAL SHAH	A Novel, improved, environmentally friendly and economical process for the manufacture of agglomerates
437/MUM/2001	MADHUKAR DINANATH PATKAR	An Improved OTL vacuum pump
438/MUM/2001	CYBER-C1 TECHNOLOGIES (I) PVT. LTD.	Method and system for creation of parameterized catalogs

8/5/2001

439/MUM/2001	SHROFF RAJNIKANT DEVIDAS	Process for manufacture of new, improved safe & suicide proof Aluminium Phosphide tablets
440/MUM/2001	SHROFF RAJNIKANT DEVIDAS	Assembled article such as picture frame
441/MUM/2001	USHAKANT SHANKARBHAI SHAH	Control of Air-borne Contamination by the combined Treatment of Air Washing Enclosure Effect and UV Sanitization

9/5/2001

442/MUM/2001	ASHOK NARAYAN BHORKAR	An Attachment for ring frame for producing staple filament double Yarn
443/MUM/2001	ARROW COATED PRODUCTS LTD.	Method of manufacturing embedded water soluble film carrier
444/MUM/2001	DAGGA DINESH JETHALAL	Glass edge grinding and polishing machine

10/5/2001

445/MUM/2001	HINDUSTAN LEVER LIMITED	Vitamin containing product
446/MUM/2001	HINDUSTAN LEVER LIMITED	Detergent compositions
447/MUM/2001	MACLEODS PHARMACEUTICALS LIMITED	A Process for preparation of stable pharmaceutical composition containing a an antibacterial substance and microorganism

10/5/2001

448/MUM/2001	TORNADO DEVELOPMENT	Method and apparatus for unified message storage and Delivery system
449/MUM/2001	PIAGGIO & C. S. P. A.	Three-wheeled vehicle with two front steering wheels
450/MUM/2001	MITSUBISHI HEAVY INDUSTRIES LIMITED	Variable-Capacity turbine
451/MUM/2001	MITSUBISHI HEAVY INDUSTRIES LIMITED	Nozzle adjustment mechanism for Variable-Capacity turbine

11/5/2001

452/MUM/2001	PFIZER PRODUCTS, INC.	A Process of preparing a compound
453/MUM/2001	DR. LALI A. M. ARUNA N.	A Scalable process for separation and purification of nucleic acids from biological sources

14/5/2001

454/MUM/2001	DEPARTMENT OF ATOMIC ENERGY	Digital pocket dose meter
455/MUM/2001	MANDEN PACHA MANOJ	Tap Attachment

14/5/2001

456/MUM/2001	SOCIETE DE TECHNOLOGIE MICHELIN	Process and device for cross-linking/expanding a blank for a safety support for a tyre and support obtained by this process
457/MUM/2001	WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION	Quick release mechanism for a railway car hand brake
458/MUM/2001	WESTINGHOUSE AIR BRAKE ECHNOLOGIES CORPORATION	Push button two side operation hand brake release
459/MUM/2001	WESTINGHOUSE AIR BRAKE ECHNOLOGIES CORPORATION	Control apparatus for the application and release of a hand brake

15/5/2001

460/MUM/2001	CIPLA LTD.	A Process for the manufacture of sabutamol sulphate
461/MUM/2001	VOEST-ALPINE SCHIENEN GMBH & CO.	Process and device for hardening a rail
462/MUM/2001	ANAND VASANT BAM	A Meter for determining density and purity of solids
463/MUM/2001	BAYER AKTIENGESELLSCHAFT	Herbicidal compositions based on substituted carboxamides

17/5/2001

464/MUM/2001	SUN PHARMACEUTICAL INDUSTRIES LTD.	Oral controlled release pharmaceutical composition
465/MUM/2001	SUN PHARMACEUTICAL INDUSTRIES LTD.	Pharmaceutical composition for the controlled release of an antipsychotic agent
466/MUM/2001	SUN PHARMACEUTICAL INDUSTRIES LTD.	Pharmaceutical composition for controlled release
467/MUM/2001	LARSEN & TOUBRO LTD.	A Novel way to secure arc chutes in circuit breakers

18/5/2001

468/MUM/2001	HINDUSTAN LEVER LIMITED	Washing device
469/MUM/2001	BHOGATE RAJAN PANDURANG	A Permanent magnet motor that can run without outside power Or fuel supply and method of making the same

21/5/2001

470/MUM/2001	JOYDEEP DUTTA GUPTA	Zyper Block - Replaceable Carbide Tips, A Modified chromium Molybdenum abrasion resistant white iron casting bonded to a Structural steel backing plate
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22/5/2001

471/MUM/2001	R.K. AGARWAL B.M. AGARWAL	S. G. Iron Casting from oil fired Rotary Furnace
472/MUM/2001	HONDA GIKEN KOGYO KABUSHIKI KAISHA (Priority date: - 7/6/2000) JAPAN	Guide mechanism for a wrapping power transmitter
473/MUM/2001	SULZER HEXIS AG (Priority date:-12/7/2000) SWITZERLAND	Plant with high temperature fuel cells
474/MUM/2001	ALSTOM (Priority date:- 25/5/2000) FRANCE	An insulating blast nozzle for a circuit breaker
475/MUM/2001	BALSFULLAND MASCHINENFABRIK GMBH (Priority date:- 14/6/2000) GERMANY	Apparatus for printing on individual articles
476/MUM/2001	DR. MOAZZAMALI IQBAL ALI SAYYED	Process of making cosmetic cream lotion ointment & the product thereof



**22/5/2001**

477/MUM/2001	DINKAR DURGADAS BORDE	Displaying Indian languages on mobile cell phones & PDA
478/MUM/2001	UNIVERSAL LUGGAGE MANUFACTURING CO. LTD.	Locking Mechanism for cases such as brief cases, suit cases and the like
479/MUM/2001	INDIAN PETROCHEMICALS CORPORATION LTD.	A Process for the preparation of a catalyst for use in the aromatization of C <sub>4</sub> - C <sub>6</sub> Hydrocarbons

**23/5/2001**

480/MUM/2001	VASANTADADA SUGAR INSITUTE	A Micro controller based system for determination of solvent concentration
481/MUM/2001	H.D. PHADTARE	Improvement in or relating to signals provided on roads Particularly at traffic junctions
482/MUM/2001	J.B. CHEMICALS & PHARMACEUTICALS LTD.	A Process for the preparation of novel Topical microbicidal compositions
483/MUM/2001	J.B. CHEMICALS & PHARMACEUTICALS LTD.	A Novel topical microbicidal compositions
484/MUM/2001	HALDEX BRAKE PRODUCTS AB (Priority dt:-31/5/00 &18/8/00) SWEDAN	Caliper and a method for assembly of a brake mechanism in Said caliper

**23/5/2001**

485/MUM/2001	HALDEX BRAKE PRODUCTS AB (Priority dt:- 31/5/00 & 3/10/00) SWEDEN	Brake mechanism and a method of controlling force Amplification
486/MUM/2001	HALDEX BRAKE PRODUCTS AB (Priority dt:- 31/5/00 & 3/10/00) SWEDEN	Disc brake comprising a bake mechanism
487/MUM/2001	HALDEX BRAKE PRODUCTS AB (Priority dt:- 31/5/00 & 18/8/00) SWEDEN	Modular brake mechanism
488/MUM/2001	HALDEX BRAKE PRODUCTS AB (Priority date: - 31/5/2000) SWEDEN	Brake mechanism and caliper for a disc Brake

**24/5/2001**

489/MUM/2001	WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION (Priority date: - 03/10/2000) U.S.A.	Lokring fitting having Improved Anti-Torsion Capability
490/MUM/2001	WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION (Priority date: - 16/10/2000) U.S.A.	Plug door drive system
491/MUM/2001	ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION	An online incipient fault sensor for oil filled transformer

25/5/2001

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|--------------|---|--|
| 492/MUM/2001 | MANOJ S. LUNAWAT  | A Corrosion resistance lead acid battery |
| 493/MUM/2001 | BAYER AKTIENGESELLSCHAFT<br>(Priority date: - 02/06/2000) GERMANY | Footstep bearing for Impeller shafts     |

28/5/2001

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|--------------|--|--|
| 494/MUM/2001 | WESTINGHOUSE AIR BRAKE<br>TECHNOLOGIES CORPORATION<br>(Priority date: - 14/6/2000) U.S.A.  | Locomotive Air compressor with motor supported by<br>outside bearing |
| 495/MUM/2001 | WESTINGHOUSE AIR BRAKE<br>TECHNOLOGIES CORPORATION<br>(Priority date: - 13/10/2000) U.S.A. | Brake cylinder piston travel indicator                               |
| 496/MUM/2001 | HONDA GIKEN KOGYO<br>KABUSHIKI KAISHA<br>(Priority date: - 09/06/2000) JAPAN               | Scooter - Type Motorcycle  |
| 497/MUM/2001 | IFTEX PETROCHEMICALS LTD.  | Dispenser assembly for dispensing liquids                            |

29/5/2001

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|--------------|------------------------------------|--|
| 498/MUM/2001 | PRATHAM WOOD PRODUCTS<br>PVT. LTD. | Filled and solid moulded decorative door skins |
|--------------|------------------------------------|--|

29/5/2001

499/MUM/2001	BAYER AKTIENGESELLSCHAFT	Laminated plastic and metal component and process For producing same
500/MUM/2001	SONY CORPORATION (Priority date: - 06/06/2001) JAPAN	Synchronicity detection device
501/MUM/2001	SHROFF RAJNIKANT DEVIDAS	An Improved process for the manufacture of phosphorus pentachloride
502/MUM/2001	MUKESH JAYANTILAL PADHYA	An improved buffet dishes with regulating means
503/MUM/2001	FRANCISCO ANTHONY CARVALHO	A new concept in micro-bead agitator milling the multi-rotor mill
504/MUM/2001	LAXMAN JETHANAND MAKHJA	Improved base for installing electrical switches

30/5/2001

505/MUM/2001	WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION (Priority date:- 15/9/2000) U.S.A.	Anti-Backlash Mechanism
506/MUM/2001	VINAY SHAH	An improved lamp holder for electrical installation

31/5/2001

507/MUM/2001	HONDA GIKEN KOGYO KABUSHIKI KAISHA (Priority date:- 05/06/2000) JAPAN	Fuel pipeline connecting structure
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**31/5/2001**

508/MUM/2001	WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION (Priority date:- 04/08/2000) U.S.A.	Short travel detector for empty/load brake control
509/MUM/2001	WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION (Priority date:- 11/8/2000) U.S.A.	Endplate for use with outboard bearing designs
510/MUM/2001	WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION (Priority date:- 11/8/2000) U.S.A.	Locomotive valve
511/MUM/2001	VIRENDRAKUMAR JAIN	Cow urine therapy
512/MUM/2001	VINODKUMAR RAMANLAL SHAH	An improved bottle with spout
513/MUM/2001	VINODKUMAR RAMANLAL SHAH	An improved dispensing unit for granular material with inbuild locking system

**01/06/2001**

514/MUM/2001	HINDUSTAN LEVER LIMITED (Priority date:- 02/06/2000) U.K.	Detergent compositions
515/MUM/2001	GIRISH N. CHANDANE	An improved valve tube

**01/06/2001**

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| 516/MUM/2001 | RAHUL PRODUCTS LTD.                         | Herbal medicinal composition with cow urine & method of Manufacturing the same |
| 517/MUM/2001 | P.H. SHROFF<br>DR.P.K. MANNA<br>N.S. SHENOY | Holocor bags and films for packaging of metallic parts/products                |

**04/06/2001**

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| 518/MUM/2001 | BAYER AKTIENGESELLSCHAFT<br>(Priority date:- 19/6/2000) GERMANY     | Phenyl/Substituted 5,6-DIHYDRO-PYRONE derivatives   |
| 519/MUM/2001 | WATERTEC [MALAYSIA] SDN BHD<br>(Priority date:- 22/6/2000) MALAYSIA | Tap head assembly   |
| 520/MUM/2001 | SHAH NILESH CHANDRAKANT   | An improved conversion kit for a four stroke carburetor I.C. Engine running on liquid or gaseous fuel and a four stroke I.C. Engine/vehicle comprising the same |
| 521/MUM/2001 | SHAH NILESH CHANDRAKANT   | An improved conversion kit for a four stroke carburetors I.C. Engine/running on liquid or gaseous fuel and I.C. Engine/vehicle comprising the same              |
| 522/MUM/2001 | PRAKASH KRISHNA RATNAPARKHI   | A Device for measuring operative heights in the vertical axis   |

06/06/2001

523/MUM/2001	KARTIK BAKERI	An improved control panel for air conditioner
524/MUM/2001	ANIL STARCH PRODUCTS LTD.	Novel ready to use starch based one bag adhesive for corrugated sheet manufacturing and process for the same
525/MUM/2001	EIMCO ELECON (INDIA) LTD.	Crawler chain track mounted machine equipphd with dual Discharge conveyor bucket unit for use in mining industries Such as coal mining
526/MUM/2001	SONY CORPORATION (Priority date:- 12/6/2000) JAPAN	Radio communication device and method of measuring distance
527/MUM/2001	HONDA GIKEN KOGYO KABUSHIKI KAISHA (Priority date:- 21/6/2000) JAPAN	Differential device
528/MUM/2001	HONDA GIKEN KOGYO KABUSHIKI KAISHA (Priority date:- 14/6/2000) JAPAN	Fuel battery mounted motorcycle
529/MUM/2001	BP CHEMICLAS LTD. (Priority date:- 14/6/2000) U.K.	Process and apparatus for fluid bed reactions

07/06/2001

530/MUM/2001	RAGHAVBHAI DEVSHI ANJARA	A Unidirectional skating wheel
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**07/06/2001**

531/MUM/2001	HONDA GIKEN KOGYO KABUSHIKI KAISHA (Priority date:- 15/6/2000) JAPAN	Breather structure of internal combustion engine for vehicles
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**08/06/2001**

532/MUM/2001	HINDUSTAN LEVER LIMITED	Improved process of tea manufacture
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533/MUM/2001	HONDA GIKEN KOGYO KABUSHIKI KAISHA (Priority date:- 19/6/2000) JAPAN	Breather structure in engine
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534/MUM/2001	DR. UMESH ZADGAONKAR	An improved system apparatus that runs on 100% self Generated energy
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535/MUM/2001	DR. UMESH ZADGAONKAR	An improved process to convert waste plastic into value Added products like liquid fuels coke & petroleum gasses
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536/MUM/2001	GUJARAT NARMADA VALLEY FERTILIZERS COMPANY LTD.	A Process for selective catalytic removal of dissolved hydrogen sulphide from sour water and apparatus thereof
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11/6/2001

537/MUM/2001	Duja Thoras, Maharashtra., "Telescopic multi purpose material handling system."
538/MUM/2001	Indian Institute of Technology, Maharashtra., "High power factor phase controlled converter."

12/6/2001

539/MUM/2001	Paramount Sinters Private Ltd., Maharashtra., "An Improved cutting edge for earth moving machines."
540/MUM/2001	Alstom, France., "A Method of synchronizing the switching of a circuit breaker with voltage waveform." [Con. 19/6/2000] France
541/MUM/2001	Blue Cross Laboratories Ltd., Maharashtra. "Novel oral controlled release delivery system."
542/MUM/2001	Bhojraj Hemraj Teli, Maharashtra., "Method and device for measuring the thickness of ship hull plates."
543/MUM/2001	Bhojraj Hemraj Teli, Maharashtra., "Method and device for cleaning ship hull plates."

13/6/2001

544/MUM/2001	Ashok Dattatraya Atre, Maharashtra., "A Waste heat recovery boiler and economiser for dust laden flue gases."
545/MUM/2001	Ashok Dattatraya Atre, Maharashtra., "A Waste heat recovery and power generation in cement plant."
546/MUM/2001	E.I. Du Pont De Nemours And Co., U.S.A., "Coating composition." [Con. 21/6/2000] U.S.A.
547/MUM/2001	Thermax Ltd. Maharashtra., "An Improved method for the treatment of all types of biodegradable effluents and more particularly to treatment of effluents which are of

14/6/2001

548/MUM/2001	Honda Giken Kogyo Kabushiki Kaisha, Japan., "Vibration prevention structure for crankshafts." [Con. 22/6/2000] Japan
549/MUM/2001	Kothari Rajesh Shantilal, Gujarat., "An improved gas air mixer for an I.C. Engine running on liquid or gaseous fuel and I.C. Engine/vehicle comprising the same."
550/MUM/2001	Alembic Ltd. Gujarat., "A Process of producing Megatrex capsules."
551/MUM/2001	Alembic Ltd. Gujarat., "A Process of preparing sildenafil citrate transdermal gel."

14/6/2001

552/MUM/2001	Alembic Ltd. Gujarat., "A Process of preparing sildenafil citrate transdermal ointment."
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15/6/2001

553/MUM/2001	Bayer Aktiengesellschaft, Germany., "Active compound combinations having insecticidal and acaricidal properties." [Con. 29/6/2000 & 28/7/2000] Germany
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18/6/2001

554/MUM/2001	Mitsui Chemicals, Inc., Japan., "A Process for preparing a mixture of 2-alkenyl-3-aminothiophene Derivatives." [Con. 16/3/1999] Japan
555/MUM/2001	Mitsui Chemicals, Inc., "A Process for preparing a mixture of 2-alkyl-3-aminothiophene." [Con. 16/3/1999] Japan
556/MUM/2001	Sun Pharmaceutical Industries Ltd. Maharashtra., "Process for the preparation of a stable ophthalmic composition."
557/MUM/2001	Ignition method and system for engine
558/MUM/2001	Apparatus for rotatably supporting the neck of a roll in a rolling mill
559/MUM/2001	Gastric floating system
560/MUM/2001	Method of manufacturing of husk from lepidium sativum seeds

19/6/2001

561/MUM/2001	Alembic Ltd., Gujarat, A Process of preparing roxithromycin and ambroxol hydrochloride oral suspension
562/MUM/2001	Cadila Pharmaceuticals Ltd., Gujarat, Stable pellets of labile active pharmaceutical ingredients and process for manufacturing the same
563/MUM/2001	Cadila Pharmaceutical Ltd., Gujarat, Rate controlled drug delivery system for oral delivery of active pharmaceutical ingredients and process for manufacturing the same
564/MUM/2001	Bayer Aktiengesellschaft, Germany. "Selective Herbicides based on Arylsulphonylaminocarbonyltriazolinones." [Con. 30/6/2000] Germany
565/MUM/2001	Honda Giken kogyo kabushiki kaisha, Japan. "Engine starting system." [Con. 30/6/2000] Japan
566/MUM/2001	Wonderpack Industries Pvt. Ltd., Maharashtra. "Method and apparatus for online thermoforming."
567/MUM/2001	Wonderpack Industries Pvt. Ltd., Maharashtra. "Method and apparatus for cutting a connecting rod mechanism."
568/MUM/2001	Wonderpack Industries Pvt. Ltd., Maharashtra. "Method and apparatus for thermoforming and cutting using a connecting rod mechanism."

**19/6/2001**

569/MUM/2001	Wonderpack Industries Pvt. Ltd., Maharashtra. "Method and device for thermoforming cutting and stacking."
570/MUM/2001	Bhojraj Hemraj Teli, Maharashtra. "A Method of re-profiling of wheel sets of railway wheels."
571/MUM/2001	Bhojraj Hemraj Teli, Maharashtra. "A Method and device for removing sprues from railroad wheel discs."

**20/6/2001**

572/MUM/2001	Itadwar Abhay Madhaw, Maharashtra. "The process of Isolation of Anticancer compound-6,8,3-Trimethoxy-5, 4-Dihydroxy-5-Methyl-7-Rhamnoglucosyl Isoflavone : From the Rhizomes of curcuma longa linn. Family zingiberacea."
573/MUM/2001	Werner Kammann Maschinenfabrik GMBH, Germany. "Apparatus for printing on individual articles." [Con. 05/07/2000] Germany
574/MUM/2001	Alstom, France. "A Hybrid highvoltage substation having busbars that are enclosed in metal cladding and a backup phase that is air insulated." [Con. 23/6/2000] France
575/MUM/2001	Mukesh Bhandari, Gujarat. "A Novel economical and ecofriendly induction furnace."
576/MUM/2001	Sun Pharmaceutical Industries Ltd., Maharashtra. Novel therapeutically active conjugates of eicosapentaenoic acid."

**21/6/2001**

577/MUM/2001	Sabukty N. Dominic and Saliny Dominic, Goa. "Pneumatic collapsible helmet."
578/MUM/2001	Shroff Rajnikant Devidas, Maharashtra. "Phosphine generator and a special metal phosphide formulation for use in the generator."
579/MUM/2001	Hindustan Lever Ltd., Maharashtra. "Stabilised cleaning composition."
580/MUM/2001	Honda Giken Kogyo Kabushiki Kaisha, Japan. "Cooling system for water-cooled engine." [Con. 03/07/2000] Japan
581/MUM/2001	Honda Giken Kogyo Kabushiki Kaisha, Japan. "Cooling system for water-cooled engine." [Con. 03/07/2000] Japan
582/MUM/2001	Larsen & Toubro Ltd., Maharashtra. "A Novel way to interface pole-mechanism connection in circuit breakers."
583/MUM/2001	Hindustan Lever Ltd., Maharashtra. "A Visually clear gel-type dentrifice."

**22/6/2001**

584/MUM/2001	Nihon bayer Agrochem K.K., Japan. "Novel tetrazole derivatives." [Con.06/07/2000 & 14/05/2001] Japan
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22/6/2001

585/MUM/2001	AVL list GMBH, Austria. "Single-Track motor vehicle." [Con.28/6/2000] Austria
586/MUM/2001	Kambyan Valappil Radhakrishnan Nair, Maharashtra. "Anti-Spill guard and organiser trays for suit cases and bags."
587/MUM/2001	Achal Bakeri, Gujarat. "Anti-Spill guard and organiser trays for suit cases and bags."
588/MUM/2001	Herdillia chemicals ltd., Maharashtra. "An improved process for the preparation of (I) 2-phenyl-2-propanol acetate as the main product and 2-phenyl-2-propanol from 2-phenyl-2-propene; (II) 2-methyl-1-phenyl-2-propanol acetate as the main product and 2-methyl-1-phenyl-2-propanol from mixture of 2-methyl-1-phenyl-1-propene and 2-methyl-3-phenyl-1-propene."
589/MUM/2001	Herdillia chemicals ltd., Maharashtra. "A novel route for the preparation of 2-methyl-1-phenyl-2-propanol acetate as the main product and 2-methyl-1-phenyl-2-propanol as a co-product from mixture of 2-methyl-1-phenyl-1-propene and 2-methyl-3-phenyl-1-propene."

26/6/2001

590/MUM/2001	Kudrollis software inventions Pvt. Ltd., Maharashtra. "Compacting an information array display to cope with two dimensional display space constraint."
591/MUM/2001	Bayer Aktiengesellschaft, Germany. "4-Alkoxy-cyclohexane-1-amino-carboxylic esters and processes for their preparation." [Con. 05/07/2000] Germany
592/MUM/2001	Bayer Aktiengesellschaft, Germany. "Anthelmintics for preventing parasitic infections in humans and animals II." [Con.06/07/2000] Germany
593/MUM/2001	Sony Corporation, Japan. "Reception method and receiving apparatus." [Con. 30/6/2000] Japan

27/6/2001

594/MUM/2001	Ajanta Pharma Ltd., Maharashtra. "Process for preparing Controlled release formulations of NSAIDs to give peak plasma levels in morning."
595/MUM/2001	Ajanta Pharma Ltd., Maharashtra. "Process for Preparation of Anti-inflammatory phytoconstituent Derivatives."
596/MUM/2001	Bayer Aktiengesellschaft, Germany. "Anthelmintics for preventing parasitic infections in humans and animals III." [Con. 06/07/2000] Germany
597/MUM/2001	Bayer Aktiengesellschaft, Germany. "Anthelmintics for preventing parasitic infections in humans and animals." [Con. 06/07/2000] Germany
598/MUM/2001	Honda Giken Kogyo Kabushiki Kaisha, Japan. "Revolution number control system for engine." [Con. 18/07/2000] Japan

**27/6/2001**

599/MUM/2001	Honda Giken Kogyo Kabushiki Kaisha, Japan. "Vehicle brake control device." [Con. 27/7/2000] Japan
600/MUM/2001	Kopran research laboratories Ltd., Maharashtra. "A process for the manufacture of anti-inflammatory 3-phenyl-4-(4-methylsulfonyl)phenyl-2-(5H)-furanone(Rofecoxib)."
601/MUM/2001	Reliance Industries Ltd., Maharashtra. "A highly sensitive and reliable static voltmeter."
602/MUM/2001	USV Ltd., Maharashtra. "Glipizide-Cyclodextrin inclusion complex and its pharmaceutical composition."

**28/6/2001**

603/MUM/2001	Bayer Aktiengesellschaft, Germany. "Anthelmintics for preventing parasitic infections in humans and animals IV." [Con. 06/07/2000] Germany
604/MUM/2001	Mask-Verpackungs-Systeme Gesellschaft mit Beschränkter Haftung, Germany. "Wrapping apparatus." [Con. 10/7/2000] Germany
605/MUM/2001	Prashant Madhav Dixit, Maharashtra. "A Method of construction of a starter for single phase motors."
606/MUM/2001	Prashant Madhav Dixit, Maharashtra. "A Method of construction of a starter for three phase motors."
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618/MUM/2001	Honda Giken Kogyo Kabushiki Kaisha, Japan. "Starting control system for engine." [Con. 11/7/2000] Japan
619/MUM/2001	Honda Giken Kogyo Kabushiki Kaisha, Japan. "Switch fixing structure for handle cover." [Con. 14/7/2000] Japan
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648/MUM/2001	Sony Corporation, Japan. "Data processing system, data processing method, data processing apparatus, and program providing medium." [Con. 24/7/2000 & 17/8/2000] Japan
649/MUM/2001	Sony Corporation, Japan. "Data processing system, data processing method, data processing apparatus, license system, and program providing medium." [Con. 24/7/2000 & 17/8/2000] Japan
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651/MUM/2001	Kirloskar copeland Ltd., Maharashtra. "Hermetically sealed compressors."
652/MUM/2001	Moniba Anand Electricals Pvt. Ltd., Maharashtra. "A Water purification and sterilization device."
653/MUM/2001	Phiroze Ardeshir Peston Jamas, Maharashtra. "Hearing Aids."

12/7/2001

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656/MUM/2001	Nagarajan Saraswathy, Maharashtra. "Windscreen wiping using pressurised air."



12/7/2001

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13/7/2001

665/MUM/2001	Sony Corporation, Japan. "Data processing system, data processing method, and program providing medium." [Con. 24/7/2000 & 17/8/2000] Japan
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16/7/2001

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**17/7/2001**

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685/MUM/2001	Naushad Padamsee, Maharashtra. "A Method of sealing and cutting glass tube tip after vaccuming."
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**18/7/2001**

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**19/7/2001**

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**20/7/2001**

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699/MUM/2001	Hohoemi Brains, Inc., Japan. "Cut design of diamond for ornamental use." [Con. 25/8/2000 & 26/2/2001] Japan
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**23/7/2001**

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706/MUM/2001	Kaloprasad Poddar, Maharashtra. "Double fluted corrugated 3 PLY paper liner and machine for making the same."
707/MUM/2001	Nijat Herbicides Pvt. Ltd., Maharashtra. "A parthenium selective weedcidal composition and a process for preparing the same."

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**25/7/2001**

710/MUM/2001	Bedmutha Sagar Nemichand, Maharashtra. "Automatic jack."
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26/7/2001

711/MUM/2001	Cadila Healthcare Ltd., Gujarat. "Novel heterocyclic compounds, their preparation, Pharmaceutical compositions containing them and their use in medicine."
712/MUM/2001	Patel Virthalbhai Valjibhai, Gujarat. "Flush valve."
713/MUM/2001	Cyber-C1 Technologies (I) Pvt. Ltd., Maharashtra. "A method for knowledge base creation."
714/MUM/2001	Babubhai Kantilal Doshi, Gujarat. "Improved Stud/Bolt Heater, Electrically operated."
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717/MUM/2001	Konkan Railway Corporation Ltd., Maharashtra. "A novel suspended coach transportation system."
718/MUM/2001	Konkan Railway Corporation Ltd., Maharashtra. "A novel suspended coach transportation system."
719/MUM/2001	Konkan Railway Corporation Ltd., Maharashtra. "A novel suspended coach transportation system."
720/MUM/2001	Tata Consultancy Services, Maharashtra. "Object orientation."
721/MUM/2001	Tata Consultancy Services, Maharashtra. "Method and apparatus for development and maintenance of software systems."
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27/7/2001

724/MUM/2001	Tata infotech Limited, Maharashtra. "Method, system and computer program product for selection of most suitable server, client identification and prevention of security attacks."
725/MUM/2001	Nisshinbo Industries Inc., Japan. "Friction member and method of manufacture." [Con. 1/8/2000] Japan

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726/MUM/2001	Shah Nilesh Chandrakant, Gujarat. "An improved conversion kit for a carbureted, air cooled I.C. engine running on liquid or gaseous fuel such as CNG having closed loop vapour withdrawal system and I.C. Engine/vehicle comprising the same.."
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**30/7/2001**

729/MUM/2001	Hindustan Lever Limited, Maharashtra. "Apparatus for producing packets of infusible material." [Con. 7/4/1994] Great Britain
730/MUM/2001	L'Air Liquide, Societe Anonyme Pour L'etude et L'exploitation des procedes georges claud, France. "Cryogenic distillation system for air separation." [Con. 11/8/2000] U.S.A.
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**31/7/2001**

732/MUM/2001	Remsons Industries Ltd., Maharashtra. "Gas leak detector and alarm system with test button."
733/MUM/2001	Gadgil Gopal Narayan, Maharashtra. "A new optical profile projector."
734/MUM/2001	Ravindra Dattatraya Kulkarni, Maharashtra. "A new method for the preparation of functional grafted polysiloxane amino silicones."
735/MUM/2001	Larsen & Toubro Ltd., Maharashtra. "An integrated design for easy placement of multiple accessories in circuit breakers."
736/MUM/2001	Satish Pathak, Maharashtra. "P.C.Teacher."

## The National Phase Application filed under PCT (Chapter I/II) for the month of February

## CHAPTER-II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00116/MUM	DT. 01.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/18048	DT. 09.08.1999
3.	PRIORITY DOCUMENT NO.	US 09/131,481 & 09/364,381	
4.	PRIORITY DOCUMENT DATE	10/08/1998 & 29/07/1999	
5.	NAME OF APPLICANT	PARTNERSHIP OF MICHAEL E. GARST, GEORGE SACHS AND JAI JOO SHIN	
6.	TITLE OF INVENTION	PRODRUGS OF PROTON PUMP INHIBITORS	

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## CHAPTER -II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00117/MUM	DT. 01.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT//EP99/05031	DT. 14.07.1999
3.	PRIORITY DOCUMENT NO.	GB 9815283.8 /US 9/248,772 /US 09/327,668	
4.	PRIORITY DOCUMENT DATE	14/07/1999 & 12/02/1999 & 08/06/1999	
5.	NAME OF APPLICANT	JANSSEN PHARMACEUTICA N.V	
6.	TITLE OF INVENTION	NEUROTROPHIC GROWTH FACTOR.	

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## CHAPTER - I

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00118/MUM	DT. 01.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT//US00/14359	DT. 24.05.2000
3.	PRIORITY DOCUMENT NO.	US 60/139,213	
4.	PRIORITY DOCUMENT DATE	15/06/1999	
5.	NAME OF APPLICANT	BRISTOL - MYERS SQUIBB CO., USA..	
6.	TITLE OF INVENTION	ANTIVIRAL INDOLEOXOACETYL PIPERAZINE DERIVATIVES.	

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## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00119/MUM	DT. 01.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT//EP99/05735	DT. 09.08.1999
3.	PRIORITY DOCUMENT NO.	DE 198 37 069.5	
4.	PRIORITY DOCUMENT DATE	17/08/1998	
5.	NAME OF APPLICANT	BAYER AKTIENGESELLSCHAFT, GERMANY.	
6.	TITLE OF INVENTION	SUBSTITUTED CINNAMIC ACIDS AND CINNAMIC ACID ESTERS.	

CHAPTER – II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00120/MUM	DT. 01.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT//SE99/01359	DT. 11.08.1999
3.	PRIORITY DOCUMENT NO.	SE 9802712-1	
4.	PRIORITY DOCUMENT DATE	12/08/1998	
5.	NAME OF APPLICANT	DAIMLERCHRYSLER AG., GERMANY.	
6.	TITLE OF INVENTION	AN APPARATUS FOR CONTROLLING VOLTAGE – CHARGE CONTROLLED POWER SEMICONDUCTOR DEVICES.	

## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00121/MUM	DT. 02.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/SE99/01339	DT. 05.08.1999
3.	PRIORITY DOCUMENT NO.	US 09/130,214	
4.	PRIORITY DOCUMENT DATE	06.08.1999	
5.	NAME OF APPLICANT	MEDIVIR AB	
6.	TITLE OF INVENTION	SYNTHESIS OF ACYCLIC NUCLEOSIDE DERIVATIVES.	

## CHAPTER-II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00122/MUM	DT. 02.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/18933	DT. 20.8.1999
3.	PRIORITY DOCUMENT NO.	US 60/099,535	
4.	PRIORITY DOCUMENT DATE	20.8.1999	
5.	NAME OF APPLICANT	CORNING INCORPORATED	
6.	TITLE OF INVENTION	RADIALLY NON UNIFORM AND AZIMUTHALLY ASYMMETRIC OPTICAL WAVEGUIDE FIBER.	

## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00123/MUM	DT. 02.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/20057	DT. 31.8.1999
3.	PRIORITY DOCUMENT NO.	US 06/099,979, 60/103,080 & 60/130,652	
4.	PRIORITY DOCUMENT DATE	31/8/1999, 5/10/1998 & 23/4/1999	
5.	NAME OF APPLICANT	CORNING INCORPORATED	
6.	TITLE OF INVENTION	POSITIVE DISPERSION LOW DISPERSION SLOPE FIBER.	

## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00124/MUM	DT. 02.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/DK99/00422	DT. 28.7.1999
3.	PRIORITY DOCUMENT NO.	PA1998 00983	
4.	PRIORITY DOCUMENT DATE	29/7/1998	
5.	NAME OF APPLICANT	MESIBO A/S	
6.	TITLE OF INVENTION	A BAG OR A BAG SYSTEM FOR COLLECTING AND STORING BLOOD AND A METHOD THEREFORE.	



## CHAPTER –II

	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00125/MUM	DT. 02.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/18570	DT. 16.8.1999
3.	PRIORITY DOCUMENT NO.	US 60/096,977	
4.	PRIORITY DOCUMENT DATE	18/8/1998	
5.	NAME OF APPLICANT	UCB S.A.	
6.	TITLE OF INVENTION	MUSCARINIC AGONISTS AND ANTAGONISTS.	

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## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00126/MUM	DT. 05.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/15427	DT. 09.07.1997
3.	PRIORITY DOCUMENT NO.	US 09/121,271	
4.	PRIORITY DOCUMENT DATE	22/7/1998	
5.	NAME OF APPLICANT	ITXC, INC.	
6.	TITLE OF INVENTION	METHOD AND APPARATUS FOR SYNCHRONIZING INFORMATION BROWSING AMONG MULTIPLE SYSTEMS	

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## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00127/MUM	DT. 07.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/CA99/00736	DT. 09.08.1999
3.	PRIORITY DOCUMENT NO.	US 60/095,931 & US 60/132,386	
4.	PRIORITY DOCUMENT DATE	10/8/1998 & 04/05/1999	
5.	NAME OF APPLICANT	BOEHRINGER INGELHEM (CANADA) LTD., CANADA.	
6.	TITLE OF INVENTION	HEPATITIS C INHIBITOR TRI-PEPTIDES	

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## CHAPTER-II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00128/MUM	DT. 07.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/CA99/00737	DT. 09.08.1999
3.	PRIORITY DOCUMENT NO.	US 60/095,945	
4.	PRIORITY DOCUMENT DATE	10/8/1998	
5.	NAME OF APPLICANT	BOEHRINGER INGELHEM (CANADA)LTD., CANADA.	
6.	TITLE OF INVENTION	'HEPATITIS C INHIBITOR TRI-PEPTIDES'	

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## CHAPTER -II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00129/MUM	DT. 07.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/EP99/06857	DT. 16.09.1999
3.	PRIORITY DOCUMENT NO.	DE 198 43 489.8	
4.	PRIORITY DOCUMENT DATE	22/9/1998	
5.	NAME OF APPLICANT	BOEHRINGER INGELHEIM PHARMA KG, GERMANY	
	TITLE OF INVENTION	'BENZOYLGUANIDINE DERIVATIVES WITH ADVANTAGEOUS PROPERTIES, METHOD FOR PRODUCING THEM AND THEIR USE IN THE PRODUCTION OF MEDICAMENTS'	

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## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00130/MUM	DT. 07.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/SE99/01341	DT. 06.08.1999
3.	PRIORITY DOCUMENT NO.	SE 9802720-4	
4.	PRIORITY DOCUMENT DATE	13/8/1998	
5.	NAME OF APPLICANT	C2SAT COMMUNICATIONS AB, SWEDEN	
6.	TITLE OF INVENTION	'AN ANTENNA DEVICE'	

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## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00131/MUM	DT. 07.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/15973	DT. 15.07.1999
3.	PRIORITY DOCUMENT NO.	US 60/093, 076 & 09/348, 440	
4.	PRIORITY DOCUMENT DATE	16/07/1998 & 07/07/1999	
5.	NAME OF APPLICANT	TERABEAM NETWORKS , INC, USA	
6.	TITLE OF INVENTION	'OPTICAL COMMUNICATION SYSTEM THAT TRANSMITS AND RECEIVES DATA THROUGH FREE SPACE'	

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## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00132/MUM	DT. 07.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/18017	DT. 13.08.1999
3.	PRIORITY DOCUMENT NO.	US 60/096, 973	
4.	PRIORITY DOCUMENT DATE	18/08/1998	
5.	NAME OF APPLICANT	FMC CORPORATION, USA	
6.	TITLE OF INVENTION	'COMBINATION OF TWO OR MORE INGREDIENTS USING MICROENCAPSULATED FORMULATIONS'	

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**CHAPTER II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00133/MUM	DT. 07.02.2001
2.	CO-PR. PCT APPLICATION NO.	PCT/GB99/02720	DT. 17.08.1999
3.	PRIORITY DOCUMENT NO.	GB 9818001.1	
4.	PRIORITY DOCUMENT DATE	18/08/1998	
5.	NAME OF APPLICANT	ZENECA LIMITED, ENGLAND	
6.	TITLE OF INVENTION	POLYNUCLEOTIDE SEQUENCES	

**CHAPTER II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00134/MUM	DT. 07.02.2001
2.	CO-PR. PCT APPLICATION NO.	PCT/GB99/02716	DT. 17.08.1999
3.	PRIORITY DOCUMENT NO.	GB 9818001.1 & 9826753.7	
4.	PRIORITY DOCUMENT DATE	18/08/1998 & 4/12/1998	
5.	NAME OF APPLICANT	ZENECA LIMITED, ENGLAND	
6.	TITLE OF INVENTION	GENETIC METHOD FOR THE EXPRESSION OF POLYPROTEINS IN PLANTS	

**CHAPTER II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00135/MUM	DT. 07.02.2001
2.	CO-PR. PCT APPLICATION NO.	PCT/GB99/02699	DT. 16.08.1999
3.	PRIORITY DOCUMENT NO.	GB 9817909.6	
4.	PRIORITY DOCUMENT DATE	17/08/1998	
5.	NAME OF APPLICANT	ZENECA LIMITED, ENGLAND	
6.	TITLE OF INVENTION	DNA CONSTRUCTS COMPRISING PROTEASE ENCODING SEQUENCES OR FRAGMENTS THEREOF	

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**CHAPTER - II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00136/MUM	DT. 07.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/17041	DT. 27.07.1999
3.	PRIORITY DOCUMENT NO.	US 09/130, 379	
4.	PRIORITY DOCUMENT DATE	06/08/1998	
5.	NAME OF APPLICANT	INTEL CORPORATION, USA	
6.	TITLE OF INVENTION	'BROKEN STACK PRIORITY ENCODER'	

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**CHAPTER - II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00137/MUM	DT. 07.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/FR99/01980	DT. 12.08.1999
3.	PRIORITY DOCUMENT NO.	FR 98/10481	
4.	PRIORITY DOCUMENT DATE	13/08/1998	
5.	NAME OF APPLICANT	SEB S.A., FRANCE	
6.	TITLE OF INVENTION	'INDEXED SEALING RING FOR PRESSURE COOKER AND PRESSURE COOKER EQUIPPED THEREWITH'	

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**CHAPTER - II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00138/MUM	DT. 07.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/CH99/00371	DT. 10.08.1999
3.	PRIORITY DOCUMENT NO.	CH 1665/98	
4.	PRIORITY DOCUMENT DATE	13/08/1998	
5.	NAME OF APPLICANT	MARTIN WYSS, SWITZERLAND	
6.	TITLE OF INVENTION	'COMBINED BATH TUB/SHOWER TUB DEVICE'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00139/MUM	DT. 07.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/18356	DT. 12.08.1999
3.	PRIORITY DOCUMENT NO.	US 09/133, 824	
4.	PRIORITY DOCUMENT DATE	13/08/1998	
5.	NAME OF APPLICANT	RICHARD C. FUISZ, USA	
6.	TITLE OF INVENTION	'APPARATUS FOR AND METHOD OF ELECTRONIC CURRENCY GENERATION, TRANSFER AND REDEMPTION'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00140/MUM	DT. 07.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/DE99/02202	DT. 15.07.1999
3.	PRIORITY DOCUMENT NO.		
4.	PRIORITY DOCUMENT DATE	15/07/1998	
5.	NAME OF APPLICANT	HIRAL CHANDRAKANT JOSHI	
6.	TITLE OF INVENTION	'SKIN AND TISSUE CARE AND/OR TREATMENT PREPARATION'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00141/MUM	DT. 08.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/17547	DT. 03.08.1999
3.	PRIORITY DOCUMENT NO.	US 60/097, 028 & 60/119, 938	
4.	PRIORITY DOCUMENT DATE	18/08/1998 & 12/02/1999	
5.	NAME OF APPLICANT	BRISTOL-MYERS SQUIBB CO., USA	
6.	TITLE OF INVENTION	'PROCESS FOR THE PREPARATION OF C-4 DEACETYLTAXANES'	

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**CHAPTER -II**

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|----|----------------------------|---|----------------|
| 1. | NAT. PHASE APPLICATION NO. | IN/PCT/2001/00142/MUM   | DT. 08.02.2001 |
| 2. | CORRS. PCT APPLICATION NO. | PCT/EP99/07088  | DT. 16.09.1999 |
| 3. | PRIORITY DOCUMENT NO.      | JP 10/283301  |                |
| 4. | PRIORITY DOCUMENT DATE     | 18/09/1998  |                |
| 5. | NAME OF APPLICANT          | SCHERING AKTIENGESELLSCHAFT;<br>JAPAN                                     |                |
| 6. | TITLE OF INVENTION         | 'NEAR INFRARED FLUORESCENT<br>CONTRAST AGENT AND FLUORESCENCE<br>IMAGING' |                |
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**CHAPTER -II**

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|----|----------------------------|---|----------------|
| 1. | NAT. PHASE APPLICATION NO. | IN/PCT/2001/00143/MUM   | DT. 08.02.2001 |
| 2. | CORRS. PCT APPLICATION NO. | PCT/US99/24304  | DT. 18.10.1999 |
| 3. | PRIORITY DOCUMENT NO.      | US 60/106, 513  |                |
| 4. | PRIORITY DOCUMENT DATE     | 30/10/1998  |                |
| 5. | NAME OF APPLICANT          | CORNING INCORPORATED, USA   |                |
| 6. | TITLE OF INVENTION         | 'METHODS OF MANUFACTURING SOOT<br>FOR OPTICAL FIBER PREFORMS AND<br>PREFORMS MADE BY THE METHODS' |                |
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**CHAPTER -II**

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|----|----------------------------|---|----------------|
| 1. | NAT. PHASE APPLICATION NO. | IN/PCT/2001/00144/MUM                           | DT. 08.02.2001 |
| 2. | CORRS. PCT APPLICATION NO. | PCT/US99/17656                                  | DT. 04.08.1999 |
| 3. | PRIORITY DOCUMENT NO.      | US 09/136, 884                                  |                |
| 4. | PRIORITY DOCUMENT DATE     | 19/08/1998                                      |                |
| 5. | NAME OF APPLICANT          | BETZDEARBORN INC, USA                           |                |
| 6. | TITLE OF INVENTION         | 'INHIBITION OF CORROSION IN<br>AQUEOUS SYSTEMS' |                |
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**CHAPTER –II**

	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00145/MUM	DT. 08.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/19980	DT. 01.09.1999
3.	PRIORITY DOCUMENT NO.	US 60/099, 235	
4.	PRIORITY DOCUMENT DATE	04/09/1998	
5.	NAME OF APPLICANT	E.I.D.U. PONT DE NEMOURS AND COMPANY, USA	
6.	TITLE OF INVENTION	'TWO-STAGE PROCESS FOR THE PRODUCTION OF 1, 3-PROPANEDIOL BY CATALYTIC HYDROGENATION OF 3-HYDROXYPROPANAL'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00146/MUM	DT. 09.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/22115	DT. 23.09.1999
3.	PRIORITY DOCUMENT NO.	US 60/101, 798	
4.	PRIORITY DOCUMENT DATE	25/09/1998	
5.	NAME OF APPLICANT	WARNER-LAMBERT COMPANY, USA	
6.	TITLE OF INVENTION	'FAST DISSOLVING ORALLY CONSUMABLE FILMS'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00147/MUM	DT. 09.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/GB99/01961	DT. 22.06.1999
3.	PRIORITY DOCUMENT NO.	GB 9818644.8	
4.	PRIORITY DOCUMENT DATE	26/08/1998	
5.	NAME OF APPLICANT	BESPAK PLC, UNITED KINGDOM	
6.	TITLE OF INVENTION	'IMPROVEMENTS IN DRUG DELIVERY DEVICES'	

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**CHAPTER –II**

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|----|----------------------------|--------------------------------|----------------|
| 1. | NAT. PHASE APPLICATION NO. | IN/PCT/2001/00148/MUM          | DT. 09.02.2001 |
| 2. | CORRS. PCT APPLICATION NO. | PCT/SE99/01243                 | DT. 08.07.1999 |
| 3. | PRIORITY DOCUMENT NO.      | GB 9802648.7                   |                |
| 4. | PRIORITY DOCUMENT DATE     | 30/07/1998                     |                |
| 5. | NAME OF APPLICANT          | MICRODRUG AG, SWITZERLAND      |                |
| 6. | TITLE OF INVENTION         | 'POWDER CLASSIFICATION DEVICE' |                |
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**CHAPTER –II**

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|----|----------------------------|--------------------------------|----------------|
| 1. | NAT. PHASE APPLICATION NO. | IN/PCT/2001/00149/MUM          | DT. 09.02.2001 |
| 2. | CORRS. PCT APPLICATION NO. | PCT/SE99/01242                 | DT. 08.07.1999 |
| 3. | PRIORITY DOCUMENT NO.      | SE 9802649-5                   |                |
| 4. | PRIORITY DOCUMENT DATE     | 30/07/1998                     |                |
| 5. | NAME OF APPLICANT          | MICRODRUG AG, SWITZERLAND      |                |
| 6. | TITLE OF INVENTION         | 'POWDER CLASSIFICATION DEVICE' |                |
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**CHAPTER –II**

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|----|----------------------------|---|----------------|
| 1. | NAT. PHASE APPLICATION NO. | IN/PCT/2001/00150/MUM   | DT. 09.02.2001 |
| 2. | CORRS. PCT APPLICATION NO. | PCT/SE99/01331  | DT. 30.07.1999 |
| 3. | PRIORITY DOCUMENT NO.      | US 09/135, 247  |                |
| 4. | PRIORITY DOCUMENT DATE     | 17/08/1998  |                |
| 5. | NAME OF APPLICANT          | TELEFONAKTIEBOLAGET LM ERICSSON<br>(PUBL), SWEDEN   |                |
| 6. | TITLE OF INVENTION         | 'COMMUNICATION METHODS AND<br>APPARATUS BASED ON ORTHOGONAL<br>HADAMARD-BASED SEQUENCES<br>HAVING SELECTED CORRELATION<br>PROPERTIES' |                |
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**CHAPTER –II**

1	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00151/MUM	DT. 09.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/15953	DT. 14.07.1999
3.	PRIORITY DOCUMENT NO.	US 09/141, 975	
4.	PRIORITY DOCUMENT DATE	28/08/1998	
5.	NAME OF APPLICANT	BROOKHAVEN SCIENCE ASSOCIATES, USA	
6.	TITLE OF INVENTION	'SMALL INLET OPTICAL PANEL AND A METHOD OF MAKING A SMALL INLET OPTICAL PANEL'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00152/MUM	DT. 12.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/EP99/04730	DT. 06.07.1999
3.	PRIORITY DOCUMENT NO.	DE 198 37 730.4 AND 198 58 794.5	
4.	PRIORITY DOCUMENT DATE	20/08/1998 AND 18/12/1998	
5.	NAME OF APPLICANT	SCHUMANN SASOL GMBH, GERMANY	
6.	TITLE OF INVENTION	'LATENT HEAT BODY WITH PORE STRUCTURE AND METHOD FOR THE PRODUCTION THEREOF'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00153/MUM	DT. 12.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/17241	DT. 29.07.1999
3.	PRIORITY DOCUMENT NO.	US 09/126, 310	
4.	PRIORITY DOCUMENT DATE	30/07/1998	
5.	NAME OF APPLICANT	CODESTREAM TECNOLOGIES CORPORATION, USA	
6.	TITLE OF INVENTION	'OPTICAL CDMA SYSTEM'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00154/MUM	DT. 12.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/17258	DT. 29.07.1999
3.	PRIORITY DOCUMENT NO.	US 09/127, 343	
4.	PRIORITY DOCUMENT DATE	30/07/1998	
5.	NAME OF APPLICANT	CODESTREAM TECNOLOGIES CORPORATION, USA	
6.	TITLE OF INVENTION	'METHOD AND APPARATUS FOR REDUCED INTERFERENCE IN OPTICAL CDMA'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00155/MUM	DT. 13.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/EP99/05654	DT. 04.08.1999
3.	PRIORITY DOCUMENT NO.	DE 198 36 912.3	
4.	PRIORITY DOCUMENT DATE	14/08/1998	
5.	NAME OF APPLICANT	SCHUNK GMBH & CO. KG FABRIK FUR SPANN- UND GREIFWERKZEUGE, GERMANY	
6.	TITLE OF INVENTION	'CLAMPING CHUCK, NOTABLY EXPANSION CHUCK'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00156/MUM	DT. 13.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/JP00/04534	DT. 07.07.2000
3.	PRIORITY DOCUMENT NO.	JP 11/196312	
4.	PRIORITY DOCUMENT DATE	09/07/1999	
5.	NAME OF APPLICANT	SONY CORPORATION, JAPAN	
6.	TITLE OF INVENTION	'RECEIVING DEVICE AND METHOD'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00157/MUM	DT. 13.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/21342	DT. 16.09.1999
3.	PRIORITY DOCUMENT NO.	US 60/100, 847	
4.	PRIORITY DOCUMENT DATE	18/09/1998	
5.	NAME OF APPLICANT	E.I.DU PONT DE NEMOURS AND COMPANY, USA	
6.	TITLE OF INVENTION	'NUCLEATING AGENT FOR POLYESTERS'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00158/MUM	DT. 13.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/18709	DT. 18.08.1999
3.	PRIORITY DOCUMENT NO.	US 60/096, 939	
4.	PRIORITY DOCUMENT DATE	18/08/1998	
5.	NAME OF APPLICANT	E.I.DU PONT DE NEMOURS AND COMPANY, USA	
6.	TITLE OF INVENTION	'PROCESS FOR THE PURIFICATION OF 1, 3-PROPANEDIOL'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00159/MUM	DT. 13.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/20708	DT. 09.09.1999
3.	PRIORITY DOCUMENT NO.	US 60/099, 712	
4.	PRIORITY DOCUMENT DATE	10/09/1998	
5.	NAME OF APPLICANT	WARNER-LAMBERT COMPANY, USA	
6.	TITLE OF INVENTION	'COMPOSITIONS COMPRISING SYMPATHOMIMETIC AMINE SALTS UNSUITABLE FOR ILLEGAL USE'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00160/MUM	DT. 13.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/EP99/06899	DT
3.	PRIORITY DOCUMENT NO.		
4.	PRIORITY DOCUMENT DATE		
5.	NAME OF APPLICANT	HIRAL CHANDRAKANT JOSHI	
6.	TITLE OF INVENTION	'TETRAHYDROPYRIDOETHERS	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00161/MUM	DT. 14.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/19332	DT.24.8.1999
3.	PRIORITY DOCUMENT NO.	US 60/097, 973	
4.	PRIORITY DOCUMENT DATE	26.8.1998	
5.	NAME OF APPLICANT	SMITHKLINE BEECHAM CORPORATION, USA	
6.	TITLE OF INVENTION	'THERAPIES FOR TREATING PULMONARY DISEASES	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00162/MUM	DT. 14.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/19311	DT.25.8.1999
3.	PRIORITY DOCUMENT NO.	US 60/097, 982	
4.	PRIORITY DOCUMENT DATE	26.8.1998	
5.	NAME OF APPLICANT	E.I.DU PONT DE NEMOURS AND COMPANY, USA	
6.	TITLE OF INVENTION	'HYDROPEROXIDE DECOMPOSITION PROCESS'	

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## CHAPTER-II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00163/MUM	DT. 14.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/SE99/01440	DT.24.8.1999
3.	PRIORITY DOCUMENT NO.	SE 9802938-2	
4.	PRIORITY DOCUMENT DATE	01.9.1998	
5.	NAME OF APPLICANT	ASTRAZENECA AB, SWEDEN	
6.	TITLE OF INVENTION	'IMPROVED STABILITY FOR INJECTION SOLUTIONS'	

## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00164/MUM	DT. 14.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/02930	DT.03.9.1999
3.	PRIORITY DOCUMENT NO.	Great Britian 9819272.7	
4.	PRIORITY DOCUMENT DATE	03.9.1998	
5.	NAME OF APPLICANT	QUADRANT HEALTHCARE (UK) LIMITED	
6.	TITLE OF INVENTION	'MICROPARTICLES'	

## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00165/MUM	DT. 14.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/EP99/06124	DT.20.8.1999
3.	PRIORITY DOCUMENT NO.	DE 198 38 998.1	
4.	PRIORITY DOCUMENT DATE	27.8.1998	
5.	NAME OF APPLICANT	BAYER AKTIENGESELLSCHAFT, GERMANY	
6.	TITLE OF INVENTION	'NOVEL NATURAL PRODUCT DERIVATIVES'	

## CHAPTER-II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00166/MUM	DT. 14.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/CA99/00768	DT.20.8.1999
3.	PRIORITY DOCUMENT NO.	DE 198 38 998.1	
4.	PRIORITY DOCUMENT DATE	18.8.1999	
5.	NAME OF APPLICANT	SUPIMA HOLDINGS INC. CANADA	
6.	TITLE OF INVENTION	'SUSPENSION SYSTEM FOR BICYCLE'	

## CHAPTER -II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00167/MUM	DT. 15.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/EP99/06124	DT.20.8.1999
3.	PRIORITY DOCUMENT NO.	US 60/092, 982	
4.	PRIORITY DOCUMENT DATE	16.7.1998	
5.	NAME OF APPLICANT	Memorial Sloan-Kettering Cancer Centre, U.S.A.	
6.	TITLE OF INVENTION	'Topical opioid analgesic and the reversal of tolerance by a topical NMDA Antagonist'	

## CHAPTER -I

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00168/MUM	DT. 15.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/20353	DT.03.9.1999
3.	PRIORITY DOCUMENT NO.	US 60/099, 018, 09/259, 240, PCT/US99/04181	
4.	PRIORITY DOCUMENT DATE	03/09/1998, 26/02/1999, 26/02/1999	
5.	NAME OF APPLICANT	VENTANA MEDICAL SYSTEMS, INC U.S.A.	
6.	TITLE OF INVENTION	'REMOVAL OF EMBEDDING MEDIA FROM BIOLOGICAL SAMPLES AND CELL CONDITIONING ON AUTOMATED STAINING INSTRUMENTS'	

## CHAPTER-II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00169/MUM	DT. 15.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/13540	DT.16.6.1999
3.	PRIORITY DOCUMENT NO.	US 09/140, 596	
4.	PRIORITY DOCUMENT DATE	26/08/1998	
5.	NAME OF APPLICANT	ERICSSON INC, USA	
6.	TITLE OF INVENTION	'SYSTEM AND METHOD FOR POWER SAVING IN A WIRELESS TELEPHONE WITH A GPS RECEIVER'	

## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00170/MUM	DT. 15.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/HR98/00002	DT.14.9.1998
3.	PRIORITY DOCUMENT NO.	--	
4.	PRIORITY DOCUMENT DATE	--	
5.	NAME OF APPLICANT	JELAVIC, IVAN Croatia	
6.	TITLE OF INVENTION	'CODED SECURITY SEAL WITH PROTECTIVE COVER'	

## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00171/MUM	DT. 16.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/GB99/02552	DT.03.8.1999
3.	PRIORITY DOCUMENT NO.	--	
4.	PRIORITY DOCUMENT DATE	--	
5.	NAME OF APPLICANT	THOMAS ESTATES LIMITED U.K.	
6.	TITLE OF INVENTION	'APPARATUS FOR PLAYING A GAME'	



## CHAPTER-II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00172/MUM	DT. 16.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/SE99/01471	DT.27.8.1999
3.	PRIORITY DOCUMENT NO.	SE 9802973-9	
4.	PRIORITY DOCUMENT DATE	3.9.1998	
5.	NAME OF APPLICANT	ASTRAZENECA AB, SWEDEN	
6.	TITLE OF INVENTION	'IMMEDIATE RELEASE TABLET'	

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## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00173/MUM	DT. 16.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/18974	DT.19.8.1999
3.	PRIORITY DOCUMENT NO.	US 09/136, 936	
4.	PRIORITY DOCUMENT DATE	20/8/1998	
5.	NAME OF APPLICANT	MONA INDUSTRIES, INC, USA	
6.	TITLE OF INVENTION	'AMPHOTERIC DERIVATIVES OF ALIPHATIC POLYAMINES WITH FATTY ACIDS, ESTERS OR TRIGLYCERIDES'	

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## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00174/MUM	DT. 16.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/IB99/01332	DT.28.7.1999
3.	PRIORITY DOCUMENT NO.	ZA 98/6973	
4.	PRIORITY DOCUMENT DATE	04/8/1998	
5.	NAME OF APPLICANT	WINDSOR TECHNOLOGIES LIMITED, BAHAMAS	
6.	TITLE OF INVENTION	'PROCESS FOR THE MANUFACTURE OF A MOULDING'	

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## CHAPTER-II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00175/MUM	DT. 16.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/17938	DT.10.8.1999
3.	PRIORITY DOCUMENT NO.	US 09/162, 591	
4.	PRIORITY DOCUMENT DATE	29/9/1998	
5.	NAME OF APPLICANT	E.I.D.U. PONT DE NEMOURS AND COMPANY, USA	
6.	TITLE OF INVENTION	'HYBRID PROTECTIVE COMPOSITE'	

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## CHAPTER -II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00176/MUM	DT. 16.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/21876	DT.21.9.1999
3.	PRIORITY DOCUMENT NO.	US 09/159, 012	
4.	PRIORITY DOCUMENT DATE	23/9/1998	
5.	NAME OF APPLICANT	MOLECULAR OPTOELECTRONICS CORPORATION, USA	
6.	TITLE OF INVENTION	'OPTICAL CHANNEL WAVEGUIDE AMPLIFIER'	

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## CHAPTER -II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00177/MUM	DT. 16.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/19951	DT.31.8.1999
3.	PRIORITY DOCUMENT NO.	US 09/161, 811	
4.	PRIORITY DOCUMENT DATE	28/9/1998	
5.	NAME OF APPLICANT	E.I.D.U. PONT DE NEMOURS AND COMPANY, USA	
6.	TITLE OF INVENTION	'FLAME RESISTANT FABRICS'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00178/MUM	DT. 19.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/SE99/01708	DT.27.9.1999
3.	PRIORITY DOCUMENT NO.	SE 9803286-5	
4.	PRIORITY DOCUMENT DATE	28/9/1998	
5.	NAME OF APPLICANT	ALLGON AB, SWEDEN	
6.	TITLE OF INVENTION	'A RADIO COMMUNICATION DEVICE AND AN ANTENNA SYSTEM'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00179/MUM	DT. 19.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/19787	DT.27.8.1999
3.	PRIORITY DOCUMENT NO.	US 60/098, 060	
4.	PRIORITY DOCUMENT DATE	27/8/1998	
5.	NAME OF APPLICANT	FMC CORPORATION, USA	
6.	TITLE OF INVENTION	'REGIOSELECTIVE FLUORINATION OF PHENYL SUBSTITUTED TRIAZOLINONES'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00180/MUM	DT. 19.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/19623	DT.26.8.1999
3.	PRIORITY DOCUMENT NO.	US 60/098, 675	
4.	PRIORITY DOCUMENT DATE	1/9/1998	
5.	NAME OF APPLICANT	E.I.D.U. PONT DE NEMOURS AND COMPANY, USA	
6.	TITLE OF INVENTION	'BLENDS OF POLY (1-3-PROPYLENE 2,6-NAPHTHALATE'	

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**CHAPTER -II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00181/MUM	DT. 19.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/00537	DT.11.1.1999
3.	PRIORITY DOCUMENT NO.	DE 198 41 032.8	
4.	PRIORITY DOCUMENT DATE	9/9/1998	
5.	NAME OF APPLICANT	E.I.D.U. PONT DE NEMOURS AND COMPANY, USA	
6.	TITLE OF INVENTION	'CONTINUOUS PROCESS FOR THE PRODUCTION OF ANHYDROSUGAR ALCOHOLS'	

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**CHAPTER -II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00182/MUM	DT. 19.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/EP99/05750	DT.05.08.1999
3.	PRIORITY DOCUMENT NO.	IT MI98A001859	
4.	PRIORITY DOCUMENT DATE	6/8/1998	
5.	NAME OF APPLICANT	EABB T & D TECHNOLOGY LTD, SWITZERLAND	
6.	TITLE OF INVENTION	'POLE OF A CIRCUIT BREAKER WITH AN INTEGRATED OPTICAL CURRENT SENSOR'	

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**CHAPTER -II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00183/MUM	DT. 19.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/AU99/00669	DT.19.8.1999
3.	PRIORITY DOCUMENT NO.	AU PP 5370	
4.	PRIORITY DOCUMENT DATE	20/08/1998	
5.	NAME OF APPLICANT	NOVAPHARM RESEARCH (AUSTRALIA) PTY. LTD., AUSTRALIA	
6.	TITLE OF INVENTION	'ENDOSCOPE CLEANING DEVICE'	

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**CHAPTER –II**

	<b>NAT. PHASE APPLICATION NO.</b>	<b>IN/PCT/2001/00184/MUM</b>	<b>DT. 19.02.2001</b>
<b>2.</b>	<b>CORRS. PCT APPLICATION NO.</b>	<b>PCT/SE99/01418</b>	<b>DT.20.8.1999</b>
<b>3.</b>	<b>PRIORITY DOCUMENT NO.</b>	<b>SE 9802792-3</b>	
<b>4.</b>	<b>PRIORITY DOCUMENT DATE</b>	<b>21/08/1998</b>	
<b>5.</b>	<b>NAME OF APPLICANT</b>	<b>BENGT-STURE ERSHAG, SWEDEN</b>	
<b>6.</b>	<b>TITLE OF INVENTION</b>	<b>'METHOD FOR RECOVERY OF CARBON AND COMBINATIONS OF HYDROCARBONS FROM POLYMERS, PREFERABLY IN THE FORM OF DISPOSED TYRES, BY PUROLYSIS IN A PYROLYSIS REACTOR'</b>	

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**CHAPTER –II**

<b>1.</b>	<b>NAT. PHASE APPLICATION NO.</b>	<b>IN/PCT/2001/00185/MUM</b>	<b>DT. 19.02.2001</b>
<b>2.</b>	<b>CORRS. PCT APPLICATION NO.</b>	<b>PCT/CA99/00689</b>	<b>DT.20.8.1999</b>
<b>3.</b>	<b>PRIORITY DOCUMENT NO.</b>	<b>--</b>	
<b>4.</b>	<b>PRIORITY DOCUMENT DATE</b>	<b>--</b>	
<b>5.</b>	<b>NAME OF APPLICANT</b>	<b>BENGT-STURE ERSHAG, SWEDEN</b>	
<b>6.</b>	<b>TITLE OF INVENTION</b>	<b>'METHOD AND SYSTEM FOR COMMUNICATING CALLER IDENTIFICATION INFORMATION BETWEEN A REMOTE SITE AND A CENTRAL MONITORING STATION OVER PSTN'</b>	

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## CHAPTER-II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00186/MUM	DT. 20.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/EP99/05362	DT.23.7.1999
3.	PRIORITY DOCUMENT NO.	—	
4.	PRIORITY DOCUMENT DATE	—	
5.	NAME OF APPLICANT	HINDUSTAN LEVER LIMITED, MUMBAI	
6.	TITLE OF INVENTION	'TOOTHPASTE COMPRISING FINE AND COARSE CALCIUM CARBONATE'	

## CHAPTER -II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00187/MUM	DT. 20.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/EP99/05826	DT.10.8.1999
3.	PRIORITY DOCUMENT NO.	—	
4.	PRIORITY DOCUMENT DATE	—	
5.	NAME OF APPLICANT	HINDUSTAN LEVER LIMITED	
6.	TITLE OF INVENTION	'BARS COMPRISING BENEFIT AGENT CATIONIC POLYMER'	

## CHAPTER -II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00188/MUM	DT. 20.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/13574	DT.16.6.1999
3.	PRIORITY DOCUMENT NO.	US 09/167, 787	
4.	PRIORITY DOCUMENT DATE	7/10/1998	
5.	NAME OF APPLICANT	EXXON CHEMICAL PATENTS INC, USA	
6.	TITLE OF INVENTION	'RANDOM ISOMONOOLEFIN/ALLYL STYRENE COPOLYMERS AND FUNCTIONALIZED DERIVATIVES THEREOF'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00189/MUM	DT. 20.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/EP99/06147	DT.23.8.1999
3.	PRIORITY DOCUMENT NO.	DE 198 40 318.6	
4.	PRIORITY DOCUMENT DATE	4/9/1998	
5.	NAME OF APPLICANT	BAYER AKTIENGESELLSCHAFT, GERMANY	
6.	TITLE OF INVENTION	'REACTIVE BINDING AGENT WITH AN EXTENDED POT LIFE'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00190/MUM	DT. 20.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/JP00/04471	DT.5.7.2000
3.	PRIORITY DOCUMENT NO.	JP P11-191026, P11-233252, P11-248067 & P11-345470	
4.	PRIORITY DOCUMENT DATE	5.7.1999, 19.8.1999, 1.9.1999 & 3.12.1999	
5.	NAME OF APPLICANT	SONY CORPORATION, JAPAN	
6.	TITLE OF INVENTION	'IMAGE-PRINTING SYSTEM'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00191/MUM	DT. 20.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/NO99/00266	DT.25.8.1999
3.	PRIORITY DOCUMENT NO.	NO 19983911	
4.	PRIORITY DOCUMENT DATE	26/8/1998	
5.	NAME OF APPLICANT	NORSK HYDRO ASA, NORWAY	
6.	TITLE OF INVENTION	'ALGINATE CAPSULES FOR USE IN THE TREATMENT OF BRAIN TUMOUR'	

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## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00192/MUM	DT. 20.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/11541	DT.25.5.1999
3.	PRIORITY DOCUMENT NO.	US 09/136, 870	
4.	PRIORITY DOCUMENT DATE	19/8/1998	
5.	NAME OF APPLICANT	INTEL CORPORATION, U.S.A	
6.	TITLE OF INVENTION	'NETWORK CONTROLLER'	

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## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00193/MUM	DT. 20.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/GB99/03144	DT.21.9.1999
3.	PRIORITY DOCUMENT NO.	GB 9820770.7, 9826938.4 & 9905969.3	
4.	PRIORITY DOCUMENT DATE	25/9/1998, 9/12/1998 & 17/3/1999	
5.	NAME OF APPLICANT	ASTRAZENECA AB, SWEDEN	
6.	TITLE OF INVENTION	'BENZAMIDE DERIVATIVES AND THEIR USE AS CYTOKINE INHIBITORS'	

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## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00194/ MUM	DT. 20.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/GB 99 /02970	DT.07.09.1999
3.	PRIORITY DOCUMENT NO.	GB 9819484.8	
4.	PRIORITY DOCUMENT DATE	07.09.1998.	
5.	NAME OF APPLICANT	UNIVERSITY OF BRISTOL, GREAT BRITAIN	
6.	TITLE OF INVENTION	'PEPTIDE FRAGMENTS OF CHOLERA TOXIN B OR ENTEROTOXIN B AS VACCINE ADJUVANTS.	

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## CHAPTER-II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00195/MUM	DT. 20.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/AU99/00677	DT.23.8.1999
3.	PRIORITY DOCUMENT NO.	AU PP 5371	
4.	PRIORITY DOCUMENT DATE	21/8/1998	
5.	NAME OF APPLICANT	POLYGON PTY LTD, AUSTRALIA	
6.	TITLE OF INVENTION	'A SYSTEM FOR TREATING MATERIALS FOR SEPARATION'	

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## CHAPTER -II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00196/MUM	DT. 22.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/IB99/01460	DT. 23.8.1999
3.	PRIORITY DOCUMENT NO.	--	
4.	PRIORITY DOCUMENT DATE	--	
5.	NAME OF APPLICANT	EDKO TRADING AND REPRESENTATION COMPANY LIMITED, TURKEY	
6.	TITLE OF INVENTION	'NIMESULIDE CONTAINING TOPICAL PHARMACEUTICAL COMPOSITIONS'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00197/MUM	DT. 22.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/19264	DT. 23/8/1999
3.	PRIORITY DOCUMENT NO.	US 09/139, 787	
4.	PRIORITY DOCUMENT DATE	25/8/1999	
5.	NAME OF APPLICANT	MOLECULAR OPTOELECTRONICS CORPORATION, USA	
6.	TITLE OF INVENTION	'BLOCKLESS FIBER OPTIC ATTENUATORS AND ATTENUATION SYSTEMS EMPLOYING DISPERSION TAILORED POLYMERS'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00198/MUM	DT. 22.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/21474	DT. 16/9/1999
3.	PRIORITY DOCUMENT NO.	US 09/157, 460	
4.	PRIORITY DOCUMENT DATE	21/9/1998	
5.	NAME OF APPLICANT	THE B.F. GOODRICH COMPANY, USA	
6.	TITLE OF INVENTION	'SALT-MODIFIED ELECTROSTATIC DISSIPATIVE POLYMERS'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00199/MUM	DT. 22.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/GB99/02785	DT. 24/8/1999
3.	PRIORITY DOCUMENT NO.	RUSSIA 98116346	
4.	PRIORITY DOCUMENT DATE	24/8/1998	
5.	NAME OF APPLICANT	SENSOR-TECH LIMITED, CHANNEL ISLANDS	
6.	TITLE OF INVENTION	'METHOD FOR ELECTROCHEMICAL ANALYSIS OF AN ANALYTE'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00200/MUM	DT. 22.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/11913	DT. 27/5/1999
3.	PRIORITY DOCUMENT NO.	US 60/099, 300 & 60/120, 311	
4.	PRIORITY DOCUMENT DATE	25/8/1998 & 16.2.1999	
5.	NAME OF APPLICANT	THE SCRIPPS RESEARCH INSTITUTE, USA	
6.	TITLE OF INVENTION	'METHOD AND SYSTEMES FOR PREDICTING PROTEIN FUNCTION'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00201/MUM	DT. 22.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/JP00/04110	DT. 22/6/2000
3.	PRIORITY DOCUMENT NO.	JP P-11-183610 & PII-323446	
4.	PRIORITY DOCUMENT DATE	29/6/1999 & 12.11.1999	
5.	NAME OF APPLICANT	SONY CORPORATION, JAPAN	
6.	TITLE OF INVENTION	'COMMUNICATION DEVICE, COMMUNICATION METHOD, AND COMMUNICATION TERMINAL DEVICE'	

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## CHAPTER-II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00202/MUM	DT. 22.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/19838	DT. 27/8/1999
3.	PRIORITY DOCUMENT NO.	US 60/098, 313, 60/129, 743, 60/144, 461	
4.	PRIORITY DOCUMENT DATE	27/8/1998, 16.04.1999 & 19/07/1999	
5.	NAME OF APPLICANT	TEVA PHARMACEUTICAL INDUSTRIES LTD, ISRAEL	
6.	TITLE OF INVENTION	'NOVEL HYDRATE FORMS OF ALENDRONATE SODIUM, PROCESSES FOR MANUFACTURE THEREOF, AND PHARMACEUTICAL COMPOSITIONS THEREOF'	

## CHAPTER -II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00203/MUM	DT. 22.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US00/16476	DT. 15/06/2000
3.	PRIORITY DOCUMENT NO.		
4.	PRIORITY DOCUMENT DATE		
5.	NAME OF APPLICANT	ABBOTT LABORATORIES, USA.	
6.	TITLE OF INVENTION	PROCESS FOR THE PREPARATION OF IMIDAZODIAZEPINE INTERMEDIATES	

## CHAPTER -II

	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00204/MUM	DT. 23.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/AT99/00045	DT. 22/2/1999
3.	PRIORITY DOCUMENT NO.	AT A 1474/98 & A 217/99	
4.	PRIORITY DOCUMENT DATE	28/8/1998, 15.02.1999	
5.	NAME OF APPLICANT	VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, AUSTRIA	
6.	TITLE OF INVENTION	'METHOD FOR PRODUCING A METAL MELT AND CORRESPONDING MULTIFUNCTION LANCE'	

## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00205/MUM	DT. 23.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/SE99/01477	DT. 27/8/1999
3.	PRIORITY DOCUMENT NO.	US 09/149, 175	
4.	PRIORITY DOCUMENT DATE	8/9/1998	
5.	NAME OF APPLICANT	TELEFONAKTIEBOLAGET LM ERICSSON, SWEDEN	
6.	TITLE OF INVENTION	'USE OF CIC TO IDENTIFY CALLS WHEN USING ISUP IN CONJUNCTION WITH AAL TYPE 2 SIGNALING PROTOCOL'	

## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00206/MUM	DT. 23.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/SE99/01417	DT. 20/8/1999
3.	PRIORITY DOCUMENT NO.	US 09/139, 749	
4.	PRIORITY DOCUMENT DATE	25/8/1998	
5.	NAME OF APPLICANT	TELEFONAKTIEBOLAGET LM ERICSSON, SWEDEN	
6.	TITLE OF INVENTION	'RECONFIGURING DIVERSITY LEGS DURING CN-RNC INTERFACE STREAMLINING'	

## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00207/MUM	DT. 23.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/GB99/02874	DT. 1/1/1999
3.	PRIORITY DOCUMENT NO.	GB 9819221.449	
4.	PRIORITY DOCUMENT DATE	4/9/1998	
5.	NAME OF APPLICANT	BP CHEMICALS LIMITED, U.K.	
6.	TITLE OF INVENTION	'PROCESS FOR THE PRODUCTION OF ACETIC ACID'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00208/MUM	DT. 23.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/18353	DT. 12/8/1999
3.	PRIORITY DOCUMENT NO.	US 09/139, 463 & 09/139, 465	
4.	PRIORITY DOCUMENT DATE	25/8/1998 & 25/8/1998	
5.	NAME OF APPLICANT	MOBIL OIL CORPORATION, USA	
6.	TITLE OF INVENTION	'PARA-XYLENE PRODUCTION PROCESS'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00209/MUM	DT. 26.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/CH00/00412	DT. --
3.	PRIORITY DOCUMENT NO.	--	
4.	PRIORITY DOCUMENT DATE	28/8/1999 & 06/4/2000	
5.	NAME OF APPLICANT	NEGORT AG, SWITZERLAND	
6.	TITLE OF INVENTION	'DEVICE FOR ACTIVE ROLLING WALKING'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00210/MUM	DT. 26.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/EP99/06260	DT. 26/8/1999
3.	PRIORITY DOCUMENT NO.	DE 198 40 938.9 & 199 20 360.1	
4.	PRIORITY DOCUMENT DATE	8/9/1998 & 4/5/1999	
5.	NAME OF APPLICANT	BAYER AKTIENGESELLSCHAFT, GERMANY	
6.	TITLE OF INVENTION	'ELECTROCHROMIC DEVICE WITH A YELLOW FILTER'	

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**CHAPTER –II**

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| 1. | NAT. PHASE APPLICATION NO. | IN/PCT/2001/00211/MUM                    | DT. 26.02.2001 |
| 2. | CORRS. PCT APPLICATION NO. | PCT/GB99/02954                           | DT. 6/9/1999   |
| 3. | PRIORITY DOCUMENT NO.      | GB 9820608.9                             |                |
| 4. | PRIORITY DOCUMENT DATE     | 23/9/1998                                |                |
| 5. | NAME OF APPLICANT          | IMPERIAL CHEMICAL INDUSTRIES , U.K.      |                |
| 6. | TITLE OF INVENTION         | 'PROCESS FOR THE PRODUCTION OF HYDROGEN' |                |
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**CHAPTER –II**

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|----|----------------------------|---|----------------|
| 1. | NAT. PHASE APPLICATION NO. | IN/PCT/2001/00212/MUM   | DT. 26.02.2001 |
| 2. | CORRS. PCT APPLICATION NO. | PCT/US99/18946  | DT. 18/8/1999  |
| 3. | PRIORITY DOCUMENT NO.      | US 09/141, 970  |                |
| 4. | PRIORITY DOCUMENT DATE     | 18/8/1998   |                |
| 5. | NAME OF APPLICANT          | INTEL CORPORATION, USA  |                |
| 6. | TITLE OF INVENTION         | 'METHOD AND APPARATUS FOR OPERATING AN ADAPTIVE, MULTIPLEXED ADDRESS AND DATA BUS WITHIN A COMPUTER SYSTEM' |                |
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**CHAPTER –II**

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|----|----------------------------|---|----------------|
| 1. | NAT. PHASE APPLICATION NO. | IN/PCT/2001/00213/MUM   | DT. 26.02.2001 |
| 2. | CORRS. PCT APPLICATION NO. | PCT/FR00/01913  | DT. 4.7.2000   |
| 3. | PRIORITY DOCUMENT NO.      | FR 99/08956   |                |
| 4. | PRIORITY DOCUMENT DATE     | 09/7/1999   |                |
| 5. | NAME OF APPLICANT          | THOMSON-CSF SEXTANT, FRANCE   |                |
| 6. | TITLE OF INVENTION         | 'PROCESS AND SYSTEM FOR MANAGING ALTITUDE FOR AN AERODYNE USING THE AUTOMATIC CAPTURE OF A BAROMETRIC ALTITUDE OR OF A RADIOPROBE HEIGHT' |                |
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## CHAPTER-II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00214/MUM	DT. 26.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/GB99/02894	DT. 2.9.1999
3.	PRIORITY DOCUMENT NO.	GB 9819235.4	
4.	PRIORITY DOCUMENT DATE	03/9/1998	
5.	NAME OF APPLICANT	ZENECA LIMITED, USA	
6.	TITLE OF INVENTION	'CHEMICAL PROCESS FOR PREPARING 2-HYDROXY-6- TRIFLUOROMETHYLPYRIDINE'	

## CHAPTER -II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00215/MUM	DT. 26.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/EP99/07795	DT. 5.10.1999
3.	PRIORITY DOCUMENT NO.	EPO 98203473.8	
4.	PRIORITY DOCUMENT DATE	15/10/1998	
5.	NAME OF APPLICANT	TRANSPAC N.V., SWITZERLAND	
6.	TITLE OF INVENTION	'PACKAGING WRAPPER'	

## CHAPTER -II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00216/MUM	DT. 27.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/SE99/01514	DT. 2.9.1999
3.	PRIORITY DOCUMENT NO.	SE 9802974-2	
4.	PRIORITY DOCUMENT DATE	3.9.1998	
5.	NAME OF APPLICANT	ASTRAZENECA AB, SWEDEN	
6.	TITLE OF INVENTION	'CRYSTALLINE FORMS OF EtO <sub>2</sub> C-CH 2-[R]Cg1-Aze-Pab-OH'	



## CHAPTER-II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00217/ MUM	DT. 27.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/16406	DT. 21.7.1999
3.	PRIORITY DOCUMENT NO.	US 09/130, 400	
4.	PRIORITY DOCUMENT DATE	6.8.1998	
5.	NAME OF APPLICANT	ITXC, INC, USA	
6.	TITLE OF INVENTION	'METHOD AND APPARATUS FOR FACILITATING TIERED COLLABORATION'	

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## CHAPTER -II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00218/ MUM	DT. 27.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/SE 99/01487	DT. 30.08.1999
3.	PRIORITY DOCUMENT NO.	DE 9802881-4	
4.	PRIORITY DOCUMENT DATE	28.8.1998	
5.	NAME OF APPLICANT	ABB AB, SWEDEN	
6.	TITLE OF INVENTION	A MACHINE AND A METHOD THEREFOR.	

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## CHAPTER -II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00219/MUM	DT. 27.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US00/06446	DT. 15.6.2000
3.	PRIORITY DOCUMENT NO.	US 09/356, 222	
4.	PRIORITY DOCUMENT DATE	16.7.1999	
5.	NAME OF APPLICANT	BAXTER INTERNATIONAL INC, USA	
6.	TITLE OF INVENTION	'POLYVINYLDENE DIFLOURIDE MEMBRANES AND METHODS FOR MAKING SUCH MEMBRANES'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00220/MUM	DT. 27.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/17533	DT. 3.8.1999
3.	PRIORITY DOCUMENT NO.	US 09/137, 040	
4.	PRIORITY DOCUMENT DATE	20.8.1998	
5.	NAME OF APPLICANT	MEDWRAP CORPORATION, USA	
6.	TITLE OF INVENTION	'ANTIMICROBIAL MULTI-LAYER ISLAND DRESSING'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00221/MUM	DT. 27.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/SE99/01373	DT. 13.8.1999
3.	PRIORITY DOCUMENT NO.	US 09/136, 696	
4.	PRIORITY DOCUMENT DATE	19.8.1998	
5.	NAME OF APPLICANT	TELEFONAKTIEBOLAGET LM ERICSSON, SWEDEN	
6.	TITLE OF INVENTION	'SYSTEM NETWORK AND METHOD FOR THE TRANSFERENCE OF CELL HANDOVER INFORMATION'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00222/MUM	DT. 27.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/AU99/00673	DT. 20.8.1999
3.	PRIORITY DOCUMENT NO.	AU 99 5410	
4.	PRIORITY DOCUMENT DATE	21.8.1998	
5.	NAME OF APPLICANT	ORBITAL ENGINE COMPANY AUSTRALIA PTY. LIMITED, AUSTRALIA	
6.	TITLE OF INVENTION	'REGULATION METHOD FOR FUEL INJECTION SYSTEM'	

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**CHAPTER –II**

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00223/MUM	DT. 27.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/GB99/02783	DT. 23.8.1999
3.	PRIORITY DOCUMENT NO.	GB 9820465.4 & 9913325.8	
4.	PRIORITY DOCUMENT DATE	18.9.1998 & 8/6/1999	
5.	NAME OF APPLICANT	ZENECA LIMITED, ENGLAND	
6.	TITLE OF INVENTION	'PROCESS FOR PREPARING 3-ISOCHROMANONE'	

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## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00224/MUM	DT. 27.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/US99/20418	DT. 07.9.1999
3.	PRIORITY DOCUMENT NO.	--	
4.	PRIORITY DOCUMENT DATE	10.9.1998	
5.	NAME OF APPLICANT	VIASYSTEMS GROUP, USA	
6.	TITLE OF INVENTION	'NON-CIRCULAR MICRO-VIA	

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## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00225/MUM	DT. 28.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/KR99/00518	DT. 03.9.1999
3.	PRIORITY DOCUMENT NO.	WO 00/13959	
4.	PRIORITY DOCUMENT DATE	--	
5.	NAME OF APPLICANT	TAS & CO., MUMBAI	
6.	TITLE OF INVENTION	'BICYCLE SADDLE'	

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## CHAPTER –II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00226/MUM	DT. 28.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/EP99/06118	DT. 20.8.1999
3.	PRIORITY DOCUMENT NO.	DE 298 15 063.8 & 198 41 199.5	
4.	PRIORITY DOCUMENT DATE	24/08/1998 & 9/9/1998	
5.	NAME OF APPLICANT	KARIN DAUME MASCHINENTEILE GMBH & CO.KG, GERMANY	
6.	TITLE OF INVENTION	'BICYCLE SADDLE'	

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**CHAPTER –II**

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|----|----------------------------|---|----------------|
| 1. | NAT. PHASE APPLICATION NO. | IN/PCT/2001/00227/MUM   | DT. 28.02.2001 |
| 2. | CORRS. PCT APPLICATION NO. | PCT/EP99/06748  | DT. 13.9.1999  |
| 3. | PRIORITY DOCUMENT NO.      | DE 298 16 332.2 & 99109808.8  |                |
| 4. | PRIORITY DOCUMENT DATE     | 15/09/1998 & 19/5/1999  |                |
| 5. | NAME OF APPLICANT          | KARIN DAUME MASCHINENTEILE GMBH<br>& CO.KG, GERMANY   |                |
| 6. | TITLE OF INVENTION         | 'A DEVICE TO MAKE ELECTRICALLY<br>CONDUCTING CONTACT WITH AN<br>ELECTRICALLY CONDUCTING PORTION<br>IN PARTICULAR OF AN ELONGATED,<br>ESPECIALLY A SUBSTANTIALLY<br>CYLINDRICAL STRUCTURE, FOR<br>INSTANCE OF A TUBE OR CABLE' |                |
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**CHAPTER –II**

- |    |                            |   |                |
|----|----------------------------|---|----------------|
| 1. | NAT. PHASE APPLICATION NO. | IN/PCT/2001/00228/MUM                               | DT. 28.02.2001 |
| 2. | CORRS. PCT APPLICATION NO. | PCT/US99/18836                                      | DT. 3.9.1999   |
| 3. | PRIORITY DOCUMENT NO.      | US 09/149, 296                                      |                |
| 4. | PRIORITY DOCUMENT DATE     | 09/09/1998  |                |
| 5. | NAME OF APPLICANT          | ISHIHARA SANGYO KAISHA, LTD, JAPAN                  |                |
| 6. | TITLE OF INVENTION         | 'FUSED-BENZENE DERIVATIVES<br>USEFUL AS HERBICIDES' |                |
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## CHAPTER -II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00229/MUM	DT. 28.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/EP99/06121	DT. 20.8.1999
3.	PRIORITY DOCUMENT NO.	DE 198 42 526.0	
4.	PRIORITY DOCUMENT DATE	17/09/1998	
5.	NAME OF APPLICANT	TEEPACK SPEZIALMASCHINEN GMBH & CO. KG, GERMANY	
6.	TITLE OF INVENTION	'INFUSION BAG, ESPECIALLY FOR BREWING TEA'	

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## CHAPTER -II

1.	NAT. PHASE APPLICATION NO.	IN/PCT/2001/00230/MUM	DT. 28.02.2001
2.	CORRS. PCT APPLICATION NO.	PCT/EP99/05638	DT. 4.8.1999
3.	PRIORITY DOCUMENT NO.	DE AND EPO 298 14 061.6, 298 14 516.2 99109828.6	
4.	PRIORITY DOCUMENT DATE	06/08/1998, 14/8/1998, 19/5/1999	
5.	NAME OF APPLICANT	KARIN DAUME MASCHINENTEILE GMBH & CO.KG, GERMANY	
6.	TITLE OF INVENTION	'A DEVICE FOR CONTACTING IN PARTI- CULAR ELONGATED, ILLUSTRATELY SUBSTANTIALLY CYLINDRICAL BODIES SUCH AS CABLES OR PIPES/TUBES'	

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## ALTERATION OF DATE UNDER SECTION-16

186764	filed on 30.6.94
817/Del/94	Ante-dated to 7.8.90
186765	filed on 13.02.95
216/Del/95	Ante-dated to 11.10.90
186774	filed on 06.08.98
1404/Cal/98	Ante-dated to 20.11.91

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10/- per page of such document plus Rs. 30/-.

## स्वीकृत संपूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक एकस्य को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं। विरोध संबंधी लिखित दस्तावेज दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के तहत यथाविहित उक्त सूचना के तिथि से 60 दिन के भीतर फाईल कर दिये जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30 रुपये प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30 रुपये की अदायगी पर की जा सकती है।

Ind. Cl. : 35—E

186751

Int. Cl.<sup>4</sup> : C 04 B 35/00

## "A PROCESS FOR THE PREPARATION OF SHORT CERAMIC FIBRES"

Applicant : INTERNATIONAL ADVANCED RE-SEARCH CENTRE, FOR POWDER METALLURGY AND NEW MATERIALS, BALAPUR, HYDERABAD-500 005, ANDHRA PRADESH, AN INDIAN ESTABLISHMENT UNDER THE LAWS OF INDIAN GOVERNMENT, INDIA.

Inventors : (1) THANKAPPAN PILLAI RAJSHEKHARAN, (HYDERABAD), (2) ANIL KUMAR, (HYDERABAD), (3) AYYAGARI SHIV KUMAR, (HYDERABAD).

Application No. 537/Mas/94 Dated June 23, 1994.

Complete Specification left : September 22, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

## 7 Claims

A process for the preparation of short ceramic fibres having a large surface area than the natural fibres comprising :

(i) soaking natural fibres in precursor salts of the ceramics or a mixture thereof for few hours to few days depending on the nature of the natural fibres,

(ii) subjecting the soaked fibres to the step of drying, and

(iii) then heating the impregnated fibres slowly and then firing the same at a temperature of 750° to 1000°C.

(Prov.—6 pages;

Com.—7 pages)

Ind. Cl. : 32—F 2 (b)

186752

Int. Cl.<sup>4</sup> : C 07 D 223/10

## "A PROCESS FOR PREPARING A PURIFIED -ε- CAPROLACTAM BY THE PURIFICATION OF A WATER -ε- CAPROLACTAM MIXTURE CONTAINING UNSATURATED IMPURITIES".

Applicant : DSM N.V.,

OF HET OVERLOON 1, 6411 TE HEERLEN,

THE NETHERLANDS, A DUTCH COMPANY.

Inventors : (1) MARCELLINUS PLECHELMUS GERHARDUS THIJERT, (2) THEODORUS ALBERTUS

**VAN DER KNAAP, (3) JOHANNES FRANCISCUS HAVERKORT.**

Application No. 565/Mas/94 filed on 28th June 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

#### 10 Claims

A process for preparing a purified  $\epsilon$ -caprolactam by the purification of a water  $\epsilon$ -caprolactam mixture containing unsaturated impurities, comprising hydrogenation of said water  $\epsilon$ -caprolactam mixture with hydrogen in the presence of a heterogeneous hydrogenation catalyst, characterized in that the  $\epsilon$ -caprolactam water mixture containing unsaturated impurities, said mixture having a  $\epsilon$ -caprolactam concentration of between 10 and 95 wt. % is contacted with gaseous hydrogen, upon which hydrogen dissolves in the  $\epsilon$ -caprolactam-water mixture, and subsequently this hydrogen-containing mixture is contacted with the hydrogenation catalyst such as herein described at a temperature between 20 and 160°C, to dissolve 90-100% of the hydrogen present during hydrogenation in the water  $\epsilon$ -caprolactam mixture and recovering the  $\epsilon$ -caprolactam from the resulting  $\epsilon$ -caprolactam-water mixture in a known manner.

(Comp. Specn. 18 pages;

Drgs. Sheet—Nil).

Ind. Cl. : 85 J

186753

Int. Cl<sup>4</sup>: F 23 B 7/00

**"AN APPARATUS FOR SUPPLYING HEAT TO AN EXTERNALLY FIRED POWER SYSTEM"**

Applicant : EXERGY INC., A CALIFORNIA CORPORATION OF 22320 FOOTHILL BOULEVARD SUITE 540, HAYWARD, CA 94541 USA.

Inventor : ALEXANDER I. KALINA

Application No. : 922/Mas/94 filed on 20th September 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

#### 16 Claims

An apparatus for supplying heat to an externally fired power system comprising a pre-heater for pre-heating an incoming air stream to generate a pre-heated air stream; a first combustion chamber for combusting a mixture of pre-heated air stream and a first amount of combustion fuel to form a first flue gas stream having a first flue gas temperature; a meter for selecting said first amount of combustion fuel supplied to said first combustion chamber such that said first flue gas temperature is below the temperature at which  $\text{NO}_x$  gases form; a first heat exchanger for transferring heat from said first flue gas stream to a working fluid stream from an externally fired power system; one or more additional combustion chamber arranged in series for combusting one or more further amounts of combustion fuel in a series of one

or more successive combustion steps to form in each step a flue gas stream having a successive flue gas temperature using the flue gas stream created in the immediately preceding combustion step; one or more meters for selecting each said further amount of combustion fuel in each said successive combustion step such that each said successive flue gas temperature is below the temperature at which  $\text{NO}_x$  gases form, and one or more additional heat exchanger for transferring heat from each successive flue gas stream to a working fluid stream from said externally fired power system, said preheater using heat transferred from one of said flue gas streams.

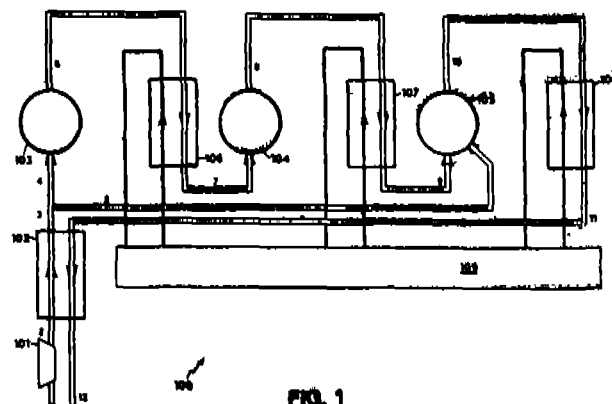


FIG. 1

(Comp. Specn. 18 pages;

Drgs. : 02 Sheets.)

Ind. Cl. : 172 D<sub>4</sub>

186754

Int. Cl<sup>4</sup>: D 01 H 9/00

**"AN APPARATUS FOR SIMULTANEOUS CHANGING OF COP IN A SPINNING MACHINE"**

Applicant : KABUSHIKI KAISHA TOYODA JIDOSHOKKI SIESAKUSHO OF 1, TOYODA-CHO, 2-CHOME, KARIYA-SHI, AICHI-KEN, JAPAN (A JAPANESE COMPANY)

Inventors : (1) MAKOTO YAKUSHI, (2) NAOKI KOJIMA

Application No. : 1054/Mas/94 filed on 28th October 1994.

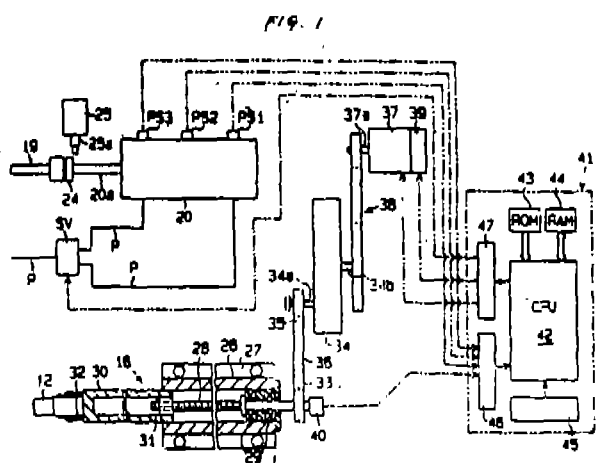
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

#### 07 Claims

An apparatus for simultaneous changing of cop in a spinning machine, said apparatus comprising bobbin transporting means (5) disposed below an array of spindles (3); a pantograph mechanism (11) for effecting upward and downward motion of a doffing bar (10) equipped with a plurality of bobbin gripper means (9) between said array of spindles (3) and said bobbin transporting means (5); a driving system comprising an electric motor (37) having an output shaft (37a), a drive shaft (12) for actuating said pantograph mechanism (11); a motion translating means (36) for translating rotation of said output shaft (37a) into reciprocative motion of said drive shaft (12); a moving mechanism for



operating said pantograph mechanism (11) as a whole for moving said pantograph mechanism (11) toward and away from a frame (1) of the spinning machine; a position detecting means (40, 63) for sensing said upward or downward motion of said doffing bar (10), a sensing means (ps) for sensing said displacement of said pantograph mechanism (11) as a whole towards or away from said frame (1) and a control unit (41) for generating an operation start signal for starting operation of either said motion translating means (36) or said moving mechanism when said doffing bar (10) assumes a predetermined position P1, P2, P3, P4, P5 with respect to the said moving mechanism or the said motion translating means respectively to effect said upward or downward motion of said doffing bar and displacement of said pantograph mechanism as a whole toward or away from said machine frame temporally in superposition.



(Comp. Specn. 27 Pages;

Drgs. : 05 Sheets).

Ind. Cl. : 172 C 5

186755

Int. Cl<sup>4</sup> : D 01 D 11/00

AN APPARATUS FOR REPEATEDLY FEEDING OUT FIRE BUNDLES WITH RANDOM FIBRE DIRECTION.

Applicant : APLICATOR SYSTEM AB.,  
A SWEDISH COMPANY  
OF METALLVAGEN 6  
435 33 MOLNLYCKE  
SWEDEN.

Inventor : KJELL SAND.

Application No. : 1146/Mas/94 filed on 22nd November 1994.

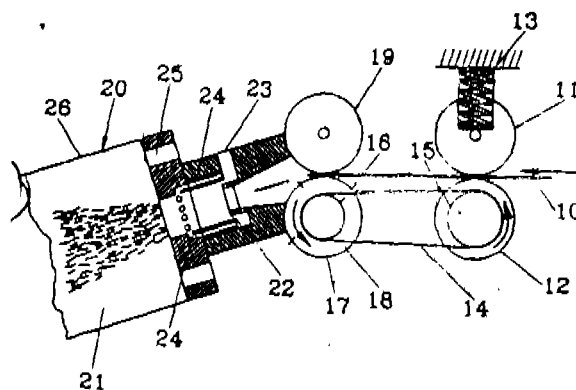
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Chennai Branch.

3 Claims

An apparatus for repeatedly feeding out fibre bundles with random fibre direction from a magazine roll of fibre thread (10), such as in the production of flock performs for products

12—307 GI/2001

made of thermosetting resin, the said apparatus comprising feeding means for feeding the fibre threads from the magazine roll and a cutting device (18) for cutting the fibres into desired lengths, said feeding means comprising at least a first and a second pair of driven feed rollers (11, 12 and 17, 19) placed in sequence, said feed rollers forming nips for the fibre threads (10), and a pneumatically driven fibre-ejecting device (20) located downstream of the said cutting device (18), characterized in that the first pair of feed rollers (11, 12) is provided with a drive for driving them at a slightly lower feeding speed than the speed of the second pair of feed rollers (17, 19), and that the fibre ejecting device (20) is provided with an oblong tube sleeve (26) with air flow channels (22-25) for directed turbulent air flow.



(Comp. Specn. 8 Pages;

Drgs. : 1 Sheet)

Ind. Cl. : 128-A

186756

Int. Cl<sup>4</sup> : A 61 F 13/20

A TAMPON AND A METHOD OF MANUFACTURING THE SAME.

Applicant : KIMBERLY-CLARK LIMITED, OF 1 TOWER VIEW, KINGS HILL, WEST MALLING, KENT ME 19 4AH, ENGLAND, (A BRITISH COMPANY)

Inventor : STEPHEN KENNETH WILLIAMS. (UNITED KINGDOM)

Application No. : 1215/Mas/94 dated December 6, 1994

Convention dated : December 17, 1993, (No. 9325829 1, U.K.)

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972), Patent Office, Chennai Branch

22 Claims

A tampon comprising a pledget formed by a spirally wound absorbent ribbon; a cover web extending around the outer circumference of the pledget, the cover web being embedded in at least an outer part of the pledget spiral winding and the other end thereof extending beyond the outer free end of the absorbent ribbon and being bonded to an underlying intermediate section of the cover web; and a withdrawal string

which is positively interconnected with a part of the cover member embedded within the pledget.

(Comp. Specn. 17 Pages; Drgs. : 03 Sheets).

Ind. Cl. : 150 G & 101-D 186757

Int. Cl<sup>4</sup> : B 05 B 1/30

#### A FLOW REDUCER DEVICE.

Applicant : HYDROMATIC LTD., RAMAT GAVRIEL INDUSTRY ZONE, 23513 MIGDAL HAEMEK, ISRAEL, AN ISRAEL CORPORATION.

Inventor : AVRAHAM SHEKALIM, (ISRAEL)

Application No. : 1250/Mas/94 dated December 14, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

#### 11 Claims

A flow reducer device attachable to a tube of pressurized fluid for reducing the flow of the fluid therefrom, comprising; a body member formed with a fluid inlet, a fluid outlet, and a flow regulating region between said inlet and outlet;

characterized in that said flow regulating region has a cavity extending through opposite faces of the body member closed by a side of a deformable diaphragm at each of said opposite faces;

said body member being further formed with an inlet passage way leading from said fluid inlet into the cavity, and an outlet passageway leading from said cavity to the fluid outlet;

said device being attachable to the tube of pressurized fluid such that the outer face of each diaphragm side is exposed to the fluid pressure at said fluid inlet, and the inner face of each diaphragm side is exposed to the fluid pressure within the said cavity, whereby the diaphragm sides deform towards or away from each other within said cavity in response to changes in the inlet pressure to regulate the fluid flow via said cavity to said outlet passageway.

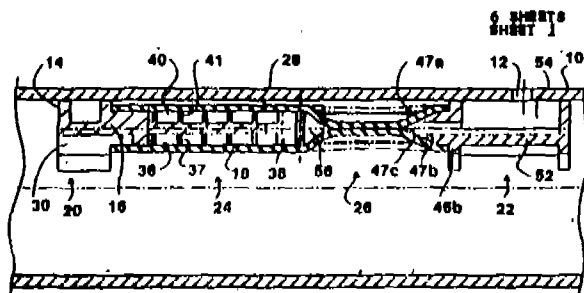


FIG-1

Comp. Specn. 15 Pages;

Drgs. : 06 Sheets).

Ind. Cl. : 172 D3

186758

Int. Cl<sup>4</sup> : D 01 H 1/10

#### A YARN BRAKE.

Applicant : PALITEX-PROJECT-COMPANY GMBH

OF WEESERWEG 60

D 47804 KREFELD

GERMANY

GERMAN COMPANY.

Inventors : 1. HEINZ FINK;

2. JOHANNES FRENTZEL-BEYME.

Application No. : 1257/Mas/94 filed on 15th December 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

#### 7 Claims

A yarn brake comprising :

a tubular brake housing with an upper and a lower end;

a lower brake ring connected to said lower end of said brake housing;

a brake ring carrier positioned in said housing at a distance above said lower brake ring;

said brake ring carrier having a central axis about which said brake ring carrier is rotatable;

said brake ring carrier axially slidable within said brake housing;

a spring positioned in said brake housing between said upper end and said brake ring carrier for biasing said brake ring carrier in a downward direction;

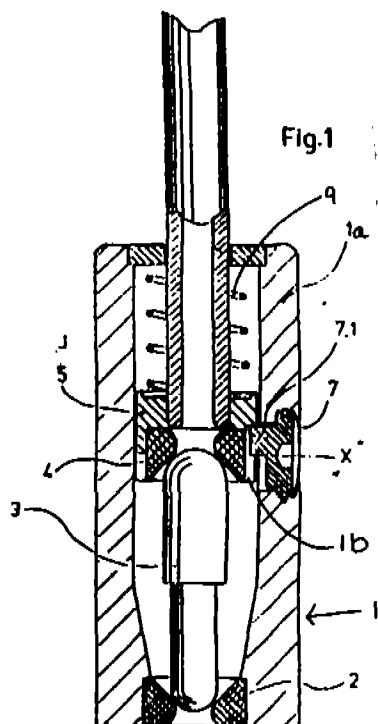
an upper brake ring connected to said brake ring carrier so as to face said lower brake ring;

a brake cartridge resting between said upper and said lower brake rings;

an abutment connected to said brake housing and extending radially into said brake housing;

said brake ring carrier having a plurality of support shoulders distributed over a periphery of said brake ring carrier, said support shoulders being axially spaced relative to one another, wherein, depending on a rotational position of said brake ring carrier, one of said support shoulders is supported on said abutment; and

Said abutment arrestable at various positions in the axial direction of said brake housing.



(Comp. Specn. 15 Pages; Drgs. : 01 Sheet).

Ind. Cl. : 172 D<sub>6</sub> 186759

Int. Cl<sup>4</sup>: D 01 H 13/02

"A TOP CLEARER ROLLER FOR A SPINNING FRAME".

Applicant : LAKSHMI MACHINE WORKS LIMITED.,

PERIANAICKENPALAYAM

COIMBATORE 641 020,

TAMIL NADU, INDIA.

(AN INDIAN COMPANY)

Inventor : KULUR BALARAMAN KRISHNAN.

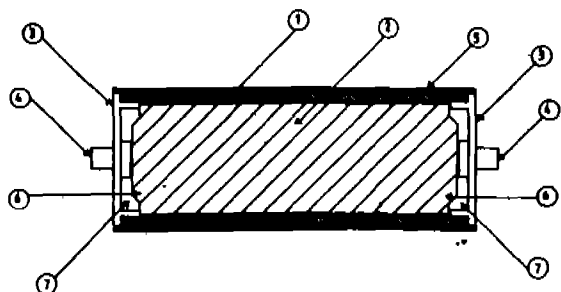
Application No. : 36/Mas/95 filed on 12th January 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

5 Claims

A top clearer roller for a spinning frame comprising a hollow tubular roller body provided with a dead weight inside the hollow tubular roller body, the two ends of the said hollow

tubular roller body being fitted with closures with locating projections projecting outwards, the elongate surface of the said hollow tubular roller body being provided with a surface texture for removing the loose fibre from the top roller cots of the spinning frame.



(Comp. Specn. 7 Pages; Drg. : 01 Sheet).

Ind. Cl. : 83 A<sup>1</sup> 186760

Int. Cl<sup>4</sup>: A 29 L—1/01,  
A 29 L—1/168.

A PROCESS FOR PREPARING FAST REHYDRATING PULSES.

Applicant : SOCIETE DES PRODUITS NESTLE S. A.  
CASE POSTALE 353, 1800 VAVEY,  
SWITZERLAND, A COMPANY  
INCORPORATED IN SWITZERLAND.

Inventors : (1) NICO AMMANN; (2) PHILIPP PAUL MEYER.

Application No. : 1394/Mas/95 filed on 27th October 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

4 Claims

A process for preparing fast rehydrating pulses comprising the steps of : (a) cooking pulses having a water content of 40—80% at temperature of 105—140° C for 3—40 minutes and (b) cooling the cooked pulses to a temperature of 20—80° C while placing them under vacuum by drawing off steam and/or condensed vapour to a residual pressure below 300 m bar and maintaining this vacuum for 2—10 minutes to obtain the fast rehydrating pulses.

(Comp. Specn. 10 Pages; Drg. : Nil Sheet).

Ind. Cl. : 107 C G 186761

Int. Cl<sup>4</sup>: F 02 B 1/00, 1/02, 1/04, 3/00, 7/00, 13/00

"INTERNAL COMBUSTION ENGINE".

Applicant : COVENTRY UNIVERSITY, A BRITISH UNIVERSITY OF PRIORY STREET, COVENTRY, ENGLAND AND DAN MERRITT, A BRITISH CITIZEN, OF 139 BAGINTON ROAD, COVENTRY, ENGLAND.

Inventor : DAN MERRITT—ENGLAND.

Application for Patent No. 0685/Del/93 filed on 02.07.93.

Convention Application No. : 9302369.5, 9214044.1/  
U.K., U.K./06.02.93, 02.07.92.

Appropriate Office for Opposition proceeding (Rule 4,  
Patents Rules 1972) Patent Office branch, New Delhi-5.

### 23 Claims

An internal combustion engine comprising :

at least one set of first (12) and second (14) cylinders, the  
first cylinder (12) having a larger swept volume than the  
second cylinder (14);

respectively first (16) and second (18) pistons movable in  
said cylinders (12,14);

an intake means (3) communicating with the first cylinder  
(12);

an exhaust means (128,27) communicating with the first  
cylinder (12);

a first fuel source (34,33) for providing fuel to the second  
cylinder (14);

means (14 to 18) forming a combustion space (20) when  
the pistons (16,18) are substantially at the inner dead centre  
position, the combustion space (20) communicating with both  
cylinders (12,14) during the expansion stroke; characterised  
by

compression ratio lowering means to ensure that the  
pressure and temperature reached in said combustion space  
(20) near the end of each compression stroke are insufficient  
to cause spontaneous compression ignition of the fuel used;

ignition means (52) communicating with said combustion  
space;

an intake valve (36,128) for inhibiting ingress of the  
fuel into the combustion space (20) from the second cylinder (14) into the  
combustion space (20) prior to the second piston (18) reaching  
a pre-selected point in its compression stroke;

and control means (M) for triggering the ignition means  
(52) to discharge ignition energy into said combustion space  
(20) after the commencement of ingress and prior to the  
completion of ingress to ignite a portion of the ingressing  
fuel thereby to raise the temperature and pressure in the  
combustion space (20) to levels sufficient to ignite the  
remainder of the fuel by compression ignition.

(Comp. Specn. 21 pages.

Drgns. Sheets 11)

Ind. Cl. : 104 J, 114 D

186762

Int. Cl. : A 43 D 1/00, 27/00

"AN IMPROVED FOOTWEAR USEFUL AS AN  
ORTHOSIS"

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL  
RESEARCH, RAJ MARG, NEW DELHI-1 INDIA, AN

INDIAN REGISTERED BODY INCORPORATED UNDER  
THE REGISTRATION OF SOCIETIES ACT.

Inventor(s) : NANCHIAPPAN CHOCKALINGAM,  
BHABENDRANATH DAS—INDIA GAUTAM  
GOPALKRISHNA—INDIA ELLIYA PARTHASARATHY—  
INDIA THITHALU MUNUSAMY DHAHASEKARAN—  
INDIA KONDAPURAM VIJAYA RAGAVAN—INDIA.

Application for Patent No. 0746/Del/93 filed on 19.07.93.

Appropriate Office for Opposition proceeding (Rule 4,  
Patents Rules 1972) Patent Office branch, New Delhi-5.

### 5 Claims

An improved footwear useful as an orthosis which  
comprises a footwear having a sole (3) an upper (6) and an  
insole (4) characterised in that the said insole (4), being  
provided over it with a sheet of polyethylene foam (5), the  
heel portion of the said sole (3) having a cavity which is filled  
with polyethylene foam (5) in such a manner that the thickness  
of the foam in the cavity is more than the depth of the said  
cavity.

(Comp. Specn. 09 Pages.

Drgns. Sheets 3)

Ind. Cl. : 108 C,

186763

Int. Cl. : C 22c 38/00.

"A PROCESS FOR PRODUCING STEEL OF  
IMPROVED RESISTANCE TO HYDROGEN INDUCED  
AND SULFIDE STRESS CORROSION CRACKING WITH  
HIGH SULPHUR LEVELS.

Applicant : STEEL AUTHORITY OF INDIA LTD,  
RESEARCH & DEVELOPMENT CENTRE FOR IRON &  
STEEL, A GOVT. OF INDIA ENTERPRISES, HAVING  
REGISTERED OFFICE AT ISPAT BHAWAN, LODHI  
ROAD, NEW DELHI-110003.

Inventors : KILARU RAVI & T.K.G. NAMBOODHRI  
(VARANASI)

Application for Patent No. 1256/Del/93 filed on 10.11.93.

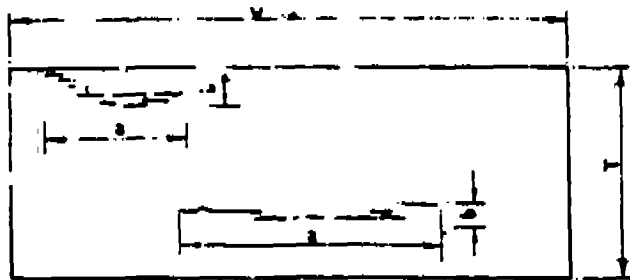
Complete left after provisional specification on 24.10.94.

Appropriate Office for Opposition proceeding (Rule 4,  
Patents Rules 1972) Patent Office Branch, New Delhi-5.

### 2 Claims

A process for producing steel of improved resistance to  
hydrogen induced and sulphide stress corrosion cracking with  
high sulphur levels as required for its sour gas applications,  
such as pipes, casings and tubings used for carrying natural  
gases/oils containing moist H<sub>2</sub>S, in replacement of low (less  
than 0.005%) sulphur containing steel normally used for the  
purpose, which process comprises producing the basic steel  
in the conventional LD/electric arc melting furnaces;  
degassing the hot steel by purging under vacuum with argon;  
killing the oxygen in the hot steel by adding aluminium;  
adding ferro-titanium (Fe Ti) and ferro-vanadium (Fe V) in a

proportion so as to make the final Ti and V contents 0.03-0.05% and 0.04-0.06% by weight respectively; and adding rare earth metals (containing La and Ce) at the rate of 1.5 kg/ton of steel produced, before tapping of the steel from the furnace; characterised in that the composition in weight percent of the non-Fe components of the steel produced is : C-0.07, Mn-0.80, Si-0.20, Ti-0.03, V-0.04, S-0.026, P-0.028, Cu-0.30, Cr-0.25, Ni-0.25, Mo-0.30.



- FIG. 1

(Provi Spec. 8 Pages

Drawn. 1 sheet).

(Comp. Specn. 10 Pages.

Drgns. Sheets Nil)

Ind. Cl. : 32 A<sub>E</sub>

186764

Int. Cl<sup>4</sup> : B 23K 20/00,  
C 06B

**"A METHOD OF PREPARING WATER-IN-OIL EMULSION FOR USE IN AN EXPLOSIVE".**

Applicant: MINING SERVICES INTERNATIONAL CORPORATION, A CORPORATION OF THE STATE OF UTAH, HAVING A PRINCIPAL PLACE OF BUSINESS AT CEDAR PARK, SUITE C 244, 5284 SOUTH 320 WEST, SALT LAKE CITY, UTAH, 84107, USA.

Inventors : CHARLES MICK LOWNDS—SOUTH AFRICA, STEVEN CHARLES GROW—U.S.A.

Application for Patent No. 817/Del/94 filed on 30.6.94.

Divisional out of Patent Application No. 791/Del/90 filed on 7.8.90. ante dated to 7.8.90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-5.

**5 Claims**

A method of preparing water-in-oil emulsion for use in an explosive comprising :

— mixing a continuous phase of at least one insoluble organic fuel material upto 20%, as herein defined, the organic fuel material being at least partially cross-linked in situ, as herein defined, to obtain a predetermined rheology, and

— a discontinuous phase of an aqueous solution of at least one oxygen-containing salt.

(Comp. Specn. 39 Pages.

Drgns. Sheets Nil)

Ind. Cl. : 62 A<sub>2</sub>.

186765

Int. Cl<sup>4</sup> : C 11 D 3/395.

**"AN IMPROVED BLEACHING COMPOSITION."**

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, USA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO 45202, USA AND NOVO NORDISK A/S, A DANISH COMPANY, OF NOVO ALLE, DK-2880 BAGSVAERD, DENMARK.

Inventor(s) : TURA DAMHUS—DENMARK,  
OLE KIRK—DENMARK,  
GITTE PEDERSEN—DENMARK &  
MANUEL GARCIA VENEGAS—U.S.A.

Application for Patent No. 216/Del/95 filed on 13.2.95.

Divisional out of Patent Application No. 991/Del/90 filed on 11.10.90. ante dated to 11.10.90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-5.

**3 Claims**

An improved bleaching composition for bleaching a textile dye in a solution or dispersion, comprising a known bleaching composition and an enzyme exhibiting oxidase activity on phenolic compounds, such as herein described, in an amount from 0.01 to 100 mg/l of the solution or dispersion.

(Comp. Specn. 23 Pages.

Drgns. Sheets Nil)

Ind. Cl. : 32 F (2b)

186766

Int. Cl<sup>4</sup> : C 07 G, 17/00.

**"A METHOD OF PREPARING HETEROCYCLIC COMPOUNDS FOR THERAPEUTIC USE IN TACHYKININ SYSTEM."**

Applicant : SANOFI, A FRENCH COMPANY, OF 32.34, RUE MARBEUF, 75008 PARIS FRANCE.

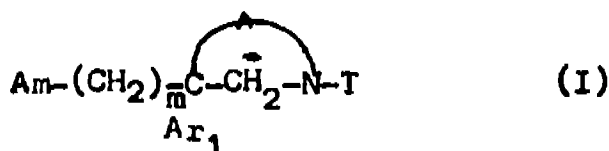
Inventor(s) : XAVIER EMONDS—ALT—FRANCE, ISABELLE GROSSRIETHER—FRANCE, PATRICK GUEULE—FRANCE, VINCENZO PROIETTO—FRANCE AND DIDIER VAN BROECK—FRANCE.

Kind of Application : COMPLETE—CONVENTION.

Application for Patent No. 169/Del/96 filed on 25.01.96.

**2 Claims**

A Method of preparing the heterocyclic compounds of formula (I)



in which :

—A is a divalent radical selected from :

- $A_1)$  —O—CO—  
 $A_2)$  —CH<sub>2</sub>—O—CO—  
 $A_3)$  —O—CH<sub>2</sub>—CO—  
 $A_4)$  —O—CH<sub>2</sub>—CH<sub>2</sub>—  
 $A_5)$  —N(R<sub>1</sub>)—CO—  
 $A_6)$  —N(R<sub>1</sub>)—CO—CO—  
 $A_7)$  —N(R<sub>1</sub>)—CH<sub>2</sub>—CH<sub>2</sub>—  
 $A_8)$  —O—CH<sub>2</sub>—

in which R<sub>1</sub> is a hydrogen or a (C<sub>1</sub>–C<sub>4</sub>)–alkyl :

—m is 2 or, 3;

Ar<sub>1</sub> is a phenyl which is unsubstituted or monosubstituted or polysubstituted by a substituent selected from a halogen atom, a hydroxyl, a (C<sub>1</sub>–C<sub>4</sub>)–alkoxy, a (C<sub>1</sub>–C<sub>4</sub>)–alkyl, a trifluoromethyl and a methylenedioxy, said substituents being identical or different, a thienyl which is unsubstituted or substituted by a halogen atom; a benzothienyl which is unsubstituted or substituted by a halogen atom; a naphthyl which is unsubstituted or substituted by a halogen atom; an indolyl which is unsubstituted or N-substituted by a (C<sub>1</sub>–C<sub>4</sub>)–alkyl or a benzyl, an imidazolyl which is unsubstituted or substituted by a halogen atom; pyridyl which is unsubstituted or substituted by a halogen atom; or a biphenyl;

—T is a group selected from CH<sub>2</sub>–Z, –CH(C<sub>6</sub>H<sub>5</sub>)<sub>2</sub> and –C(C<sub>6</sub>H<sub>5</sub>)<sub>3</sub>; T can also be the group –CO–B–Z if A is a divalent radical selected from –O–CH<sub>2</sub>–CH<sub>2</sub>–, –N(R<sub>1</sub>)–CH<sub>2</sub>–CH<sub>2</sub>–O–CH<sub>2</sub>–;

—B is a direct bond or a methylene;

—Z is an optionally substituted mono-, di or tricyclic aromatic or heteroatomic group; and

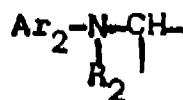
—An is :

i— either a group Am<sub>i</sub> of the formula



in which J<sub>1</sub> is :

i<sub>1</sub>—either a group

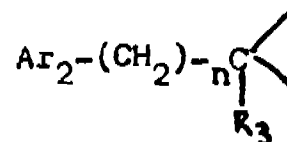


in which

—Ar<sub>2</sub> is a pyridyl; a phenyl which is unsubstituted or monosubstituted or polysubstituted by a substituent selected from a halogen atom, a hydroxyl, a (C<sub>1</sub>–C<sub>4</sub>)–alkoxy, a (C<sub>1</sub>–C<sub>4</sub>)–alkyl, a trifluoromethyl, a nitro and a methylenedioxy, said substituents being identical or different; a thienyl, a pyrimidyl; or an imidazolyl which is unsubstituted or substituted by a (C<sub>1</sub>–C<sub>4</sub>)–alkyl; and

—R<sub>2</sub> is a hydrogen, a (C<sub>1</sub>–C<sub>7</sub>)–alkyl; a benzyl; a formyl; or a (C<sub>1</sub>–C<sub>7</sub>)–alkylcarbonyl;

i<sub>2</sub>—or a group



in which :

—Ar<sub>2</sub> is as defined above;

—n is 0 or 1 : and

—R<sub>3</sub> is a group selected from :

- (1) hydrogen;
- (2) (C<sub>1</sub>–C<sub>7</sub>)–alkyl;
- (3) formyl;
- (4) (C<sub>1</sub>–C<sub>7</sub>)–alkylcarbonyl;
- (5) cyano;
- (6) –(CH<sub>2</sub>)<sub>q</sub>–OH;
- (7) –(CH<sub>2</sub>)<sub>q</sub>–O–(C<sub>2</sub>–C<sub>7</sub>)–alkyl;
- (8) –(CH<sub>2</sub>)<sub>q</sub>–OCHO;
- (9) –(CH<sub>2</sub>)<sub>q</sub>–OCOR<sub>17</sub>;
- (10) –(CH<sub>2</sub>)<sub>q</sub>–OCONH–(C<sub>1</sub>–C<sub>7</sub>)–alkyl;
- (11) –NR<sub>4</sub>R<sub>5</sub>;
- (12) –(CH<sub>2</sub>)<sub>q</sub>–NR<sub>6</sub>C(=W<sub>1</sub>)R<sub>7</sub>;
- (13) –(CH<sub>2</sub>)<sub>q</sub>–NR<sub>3</sub>COOR<sub>8</sub>;
- (14) –(CH<sub>2</sub>)<sub>q</sub>–NR<sub>6</sub>SO<sub>2</sub>R<sub>9</sub>;
- (15) –(CH<sub>2</sub>)<sub>q</sub>–NR<sub>6</sub>C(=W<sub>1</sub>)NR<sub>10</sub>R<sub>11</sub>;
- (16) –CH<sub>2</sub>–NR<sub>12</sub>R<sub>13</sub>;
- (17) –CH<sub>2</sub>–CH<sub>2</sub>–NR<sub>12</sub>R<sub>13</sub>;
- (18) –COOH;
- (19) –(C<sub>1</sub>–C<sub>7</sub>)–alkoxycarbonyl;
- (20) –C(=W<sub>1</sub>)NR<sub>10</sub>R<sub>11</sub>;
- (21) –CH<sub>2</sub>–COOH;
- (22) –(C<sub>1</sub>–C<sub>7</sub>)–alkoxycarbonylmethyl;
- (23) –CH<sub>2</sub>–C(=W<sub>1</sub>)NR<sub>10</sub>R<sub>11</sub>;
- (24) –O–CH<sub>2</sub>–CH<sub>2</sub>–OR<sub>18</sub>;
- (25) –NR<sub>6</sub>COOR<sub>19</sub>;
- (26) –CO–NR<sub>20</sub>–NR<sub>21</sub>R<sub>22</sub>;

(27)



(28)



— or  $R_3^x$  constitutes a double bond between the carbon atom, to which it is bonded and the adjacent carbon atom of the piperiding ring;

—  $q$  is 0, 1 or 2;

—  $W_1$  is an oxygen atom or a sulfur atom;

—  $R_4$  and  $R_5$  are each independently a hydrogen or a  $(C_1-C_7)$ -alkyl;  $R_5$  can also be a  $(C_3-C_7)$ -cycloalkylmethyl, a benzyl or a phenyl; or  $R_4$  and  $R_5$ ,

together with the nitrogen atom to which they are bonded, form a heterocycle selected from azetidine, pyrrolidine, piperidine, morpholine, thiomorpholine, perhydroazepine and piperazine which is unsubstituted or substituted in the 4- position by a  $(C_1-C_4)$ -alkyl;—

$R_6$  is a hydrogen or a  $(C_1-C_7)$ -alkyl;

$R_7$  is a hydrogen; a  $(C_1-C_7)$ -alkyl; a vinyl; a phenyl;

a benzyl; a pyridyl; a  $(C_1-C_7)$ -cycloalkyl which is unsubstituted or substituted by one or more methyls; a furyl; a thienyl; a pyrrolyl; or an imidazolyl;

— or  $R_4$  and  $R_7$  together are a group  $-(CH_2)_p-$ ;

—  $P$  is 3 or 4;

—  $R_9$  is a  $(C_1-C_7)$ -alkyl or a phenyl;

—  $R_9$  is a  $(C_1-C_7)$ -alkyl; an amino which is free or substituted by one or two  $(C_1-C_7)$ -alkyls; or a phenyl which is unsubstituted or monosubstituted or polysubstituted by a substituent selected from a halogen atom, a  $(C_1-C_7)$ -alkyl, a trifluoromethyl, a hydroxyl, a  $(C_1-C_7)$ -alkoxy, a carboxyl, a  $(C_1-C_7)$ -alkoxycarbonyl, a  $(C_1-C_7)$ -alkylcarbonyloxy, a cyano, a nitro and an amino which is free or substituted by one or two  $(C_1-C_7)$ -alkyls, said substituents being identical or different;

—  $R_{10}$  and  $R_{11}$  are each independently a hydrogen or a  $(C_1-C_7)$ -alkyl;  $R_{11}$  can also be a  $(C_3-C_7)$ -cycloalkyl, a  $(C_3-C_7)$ -cycloalkylmethyl, a hydroxyl, a  $(C_1-C_4)$ -alkoxy, a benzyl or a phenyl; or  $R_{10}$  and  $R_{11}$  together with the nitrogen atom to which they are bonded, form a heterocycle selected from azetidine, pyrrolidine, piperidine, morpholine, thiomorpholine and perhydroazepine;

—  $R_{12}$  and  $R_{13}$  are each independently a hydrogen or a  $(C_1-C_7)$ -alkyl;  $R_{13}$  can also be a  $(C_3-C_7)$ -cycloalkylmethyl or a benzyl;

—  $R_{17}$  is a  $(C_1-C_7)$ -alkyl; a  $(C_3-C_7)$ -cycloalkyl which is unsubstituted or substituted by one or more methyls; a phenyl; or a pyridyl;

—  $R_{18}$  is a hydrogen; a  $(C_1-C_7)$ -alkyl; a formyl; or a  $(C_1-C_7)$ -alkylcarbonyl;

—  $R_{19}$  is a  $(C_1-C_7)$ -alkoxy;

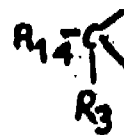
—  $R_{20}$  is a hydrogen or a  $(C_1-C_7)$ -alkyl;

—  $R_{21}$  and  $R_{22}$  are each independently a hydrogen or a  $(C_1-C_7)$ -alkyl;

— or alternatively  $R_{21}$  and  $R_{22}$  together with the nitrogen atom to which they are bonded, form a heterocycle selected from pyrrolidine, piperidine and morpholine;

—  $R_{23}$  is a hydrogen or a  $(C_1-C_7)$ -alkyl; and

—  $R_{24}$  and  $R_{25}$  are each independently a hydrogen or a  $(C_1-C_7)$ -alkyl;  $R_{25}$  can also be a formyl or a  $(C_1-C_7)$ -alkylcarbonyl;  $i_1$ —or a group

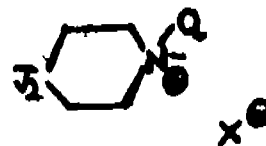


in which ;

—  $R_3$  is as defined above;

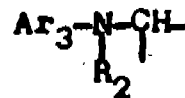
—  $R_{14}$  is a  $(C_1-C_7)$ -alkyl; or a  $(C_3-C_7)$ -cycloalkyl;  $R_{14}$  can also be either a group  $-\text{CONR}_{15}\text{R}_{16}$  if  $R_3$  is hydrogen, or a group  $-\text{NR}_{15}\text{R}_{16}$  if  $R_3$  is hydrogen, a cyano, a carboxyl, a  $(C_1-C_7)$ -alkoxycarbonyl or a group  $-\text{C}(=\text{W}_1)\text{NR}_{10}\text{R}_{11}$ ; and

—  $R_{15}$  and  $R_{16}$  are each independently a  $(C_1-C_7)$ -alkyl; or  $R_{15}$  and  $R_{16}$ , together with the nitrogen atom to which they are bonded, form a heterocycle selected from azetidine, pyrrolidine, piperidine, morpholine, thiomorpholine and perhydroazepine; ii—or a group  $\text{Am}_2$  of the formula



in which  $J_2$  is :

ii,—either a group

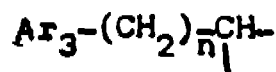


in which :

—  $\text{Ar}_3$  is a phenyl which is unsubstituted or monosubstituted or polysubstituted by a substituent selected from a halogen atom, a hydroxyl, a  $(C_1-C_4)$ -alkoxy, a  $(C_1-C_4)$ -alkyl and a trifluoromethyl, said substituents being identical or different; and

— $R_2$  is as defined above for  $J_1$ ;

ii<sub>2</sub>—or a group



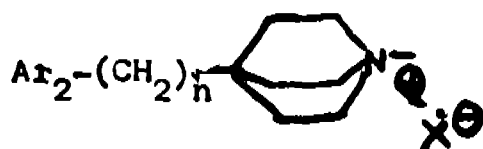
in which :

—  $Ar_3$  is as defined above;

—  $n$  is 0 or 1;

—  $Q$  is a  $(C_1-C_4)$ -alkyl or a benzyl, said substituent being either in the axial position or in the equatorial position; and  $-X^9$  is an anion;

iii—or a group  $Am_1$  of the formula



in which;

—  $Ar_2$  is as defined above;

—  $n$  is 0 or 1; and

—  $X^9$  is an anion;

iv—or a group  $Am_4$  of the formula



in which :

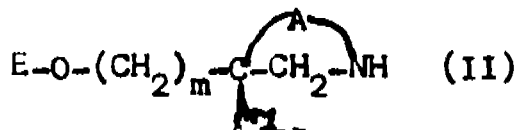
—  $Ar_2$  is as defined above;

—  $n$  is 0 or 1; and

—  $X^9$  is an anion;

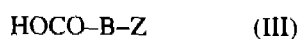
and the salts thereof with mineral or organic acids, which comprises :

1# treating a compound of the formula



in which  $m$ ,  $Ar_1$  and  $A$  are as above defined for a compound of formula (I) and  $E$  is hydrogen or an an O-protecting group,

—with a functional derivative of an acid of the formula

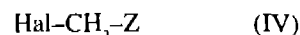


in which  $B$  and  $Z$  are as above defined for (I)

(I), if it is intended to prepare a compound of formula

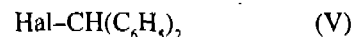
(I) in which  $T$  is  $-CO-B-Z$ ,

— or a halogenated derivative of the formula



in which  $Z$  is as above defined for (I) and  $Hal$  is a halogen, if it is intended to prepare a compound of formula (I) in which  $T$  is  $-CH_2-Z$ ,

—or with a halogenated derivative of the formula

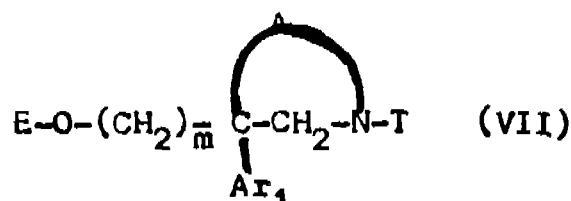


if it is intended to prepare a compound of formula (I) in which  $T$  is a group  $-CH(C_6H_5)_2$

— or with a halogenated derivative of the formula

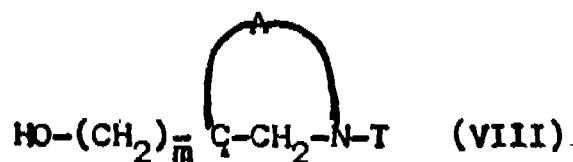


if it is intended to prepare a compound of formula (I) in which  $T$  is a group  $-C(C_6H_5)_3$  to give a compound of the formula



in which  $E$ ,  $m$ ,  $Ar_1$ ,  $A$  and  $T$  are as defined as above;

2) optionally removing the O-protecting group by reaction with an acid or a base to give the alcohol of the formula

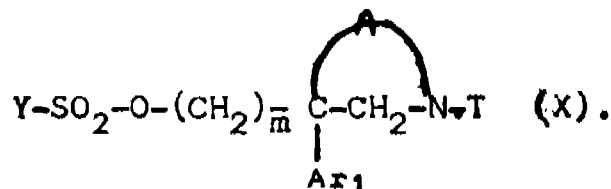


in which  $m$ ,  $Ar_1$ ,  $A$  and  $T$  are as defined above;

3) treating the alcohol (VIII) with a compound of the formula



in which  $Y$  is a methyl, phenyl, tolyl or trifluoro-methyl group, to give a compound of the formula



in which  $Y$ ,  $m$ ,  $Ar_1$ ,  $A$  and  $T$  are as defined above;

4) reacting the compound (X) :

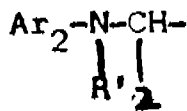
— either with a cyclic secondary amine of the formula





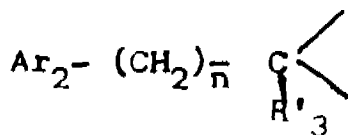
in which  $J_1$  is :

\* either a group

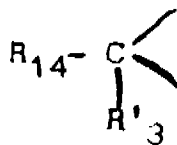


in which  $\text{Ar}_2$  is as above defined for (I) and  $\text{R}'_2$  is either  $\text{R}'_2$  as above defined for (I) or a precursor of  $\text{R}'_2$ ;

\* or a group

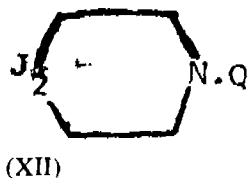


in which  $\text{Ar}_2$  and  $n$  are as above defined for (I) and  $\text{R}'_3$  is either  $\text{R}_3$  as above defined for (I) or a precursor of  $\text{R}_3$ , it being understood that if  $\text{R}'_3$  is a hydroxyl or an amino, these groups can be protected; \* or a group



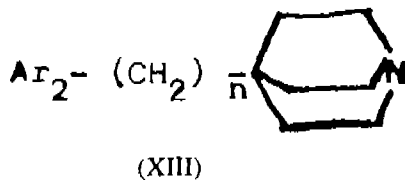
in which  $\text{R}_{14}$  is as above defined for and  $\text{R}'_3$  is as defined above;

or—with a tertiary amine of the formula



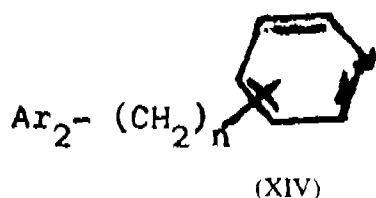
in which  $\text{J}_2$  and  $\text{Q}$  are as above defined for (I)

— or with a cyclic tertiary amine of the formula



which  $\text{Ar}_2$  and  $n$  are as above defined for (I)

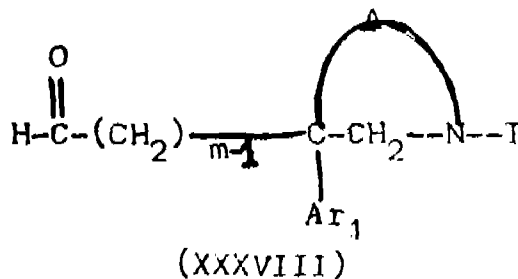
— or with a compound of the formula



in which  $\text{Ar}_2$  and  $n$  are as above defined for and (I)

5) in the case where a cyclic secondary amine of formula (XI) is used, and after deprotection of the hydroxyl group or the amino group represented by  $\text{R}'_1$  if appropriate, or optional conversion of  $\text{R}'_2$  to  $\text{R}_2$  or  $\text{R}'_3$  to  $\text{R}_3$  optionally converting the resulting product to a salt thereof;

— or, in the case where a tertiary amine of formula (XII), a cyclic tertiary amine of formula (XIII) or a compound of formula (XIV) is used, isolating the resulting product in the form of a sulfonate and, if appropriate, a sulfonic acid salt, or optionally exchanging the resulting anion and, if appropriate, another salt with a pharmaceutically acceptable mineral or organic acid, (6) oxidizing the alcohol of formula (VIII) as above defined to give a compound of the formula



in which  $m$ ,  $\text{Ar}_1$ ,  $\text{A}$  and  $\text{T}$  are as above defined for a compound of formula (I)

7) reacting the compound of formula (XXXIII) with a compound of formula (XI) as above defined in the presence of an acid, and then reducing the iminium salt formed as an intermediate by means of a reducing agent; and

8) after deprotection of the hydroxyl groups or amino groups, if appropriate, or optional conversion of  $\text{R}'_1$  to  $\text{R}_2$  or  $\text{R}'_3$  to  $\text{R}_3$ , optionally converting the resulting product to a salt thereof.

(Complete Specification : 238 Pages Drawing Sheet : Nil)

Ind. Cl. : 55 E<sub>1</sub>,

186767

Int. Cl. : A61K 39/00, C12N 1/00, 9/00.

A PROCESS FOR PREPARING A NON-GLYCOSYLATED HUMAN CHORIONIC GONADOTROPIN HORMONE (hCG) USEFUL AS BIRTH CONTROL VACCINE

Applicant : NATIONAL INSTITUTE OF IMMUNOLOGY, DEPT. OF BIOTECHNOLOGY, GOVT. OF INDIA, ARUNA ALI MARG, NEW DELHI-110067, INDIA.

Inventor(s) : ASOK MUKHOPADHYAY INDIA, PRAKASH KUMAR BHATIA AND JANENDRA KUMAR BATRA-INDIA.

Application for Patent No. 1861/Del/96 filed on 21/8/96

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005

## 10 Claims

A process for preparing a non-glycosylated human chorionic gonadotropin hormone ( $\beta$ hCG) having no carbohydrate group attached to the protein backbone and of 17 kD, molecular wt, said hormone having functional conformation to exhibit steroidogenesis, optionally with a pharmaceutically acceptable carrier, for used as birth control vaccine, said process comprising:

- (i) solubilising aggregated  $\beta$ hCG protein obtained from fermented and harvested E.coli cells transformed with an expression vector having  $\beta$ hCG encoding gene, at a temperature in the range of about 30-37°C at pH of 6.8-7.5, in a glucose medium of 0.25-0.20 g/L (during fermentation) and IPTG 0.5-5.0 mM in the presence of dissolved oxygen 10-90% saturation with agitation of 200-1000 rpm, in salts of sulfite ions, while reversibly modifying thiol groups of protein aggregates into its equivalent sulfite salts in a manner such as herein described to obtain inactivated aggregated  $\beta$ hCG, and
- (ii) purifying in a manner such as herein described the inactive aggregated  $\beta$ hCH to obtain non-glycosylated  $\beta$ hCG capable of being immunologically active and if desired, added with a pharmaceutically acceptable carrier.

(Complete Specification : 32 Pages. Drawing Sheets : 18)

Ind. Cl. : 55E<sub>4</sub>.

186768

Int. Cl. : A 61k 31/00.

## PROCESS FOR THE PREPARATION OF A TAXOID.

Applicant : RHONE-POULENC RORER S.A., A FRENCH BODY CORPORATE, OF 20, AVENUE RAYMOND ARON, 92160 ANTONY, FRANCE.

Inventor(s) : HERVE BOUCHARD-FRANCE & ALAIN COMMERCON-FRANCE.

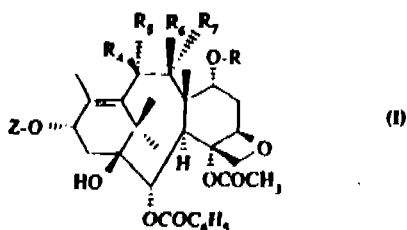
Application for Patent No.2893/Del/96 filed on 20.12.96.

Convention Application No. 95/15,379/Fr./22.12.95.

Application for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

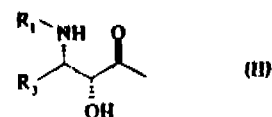
## 4 Claims

Process for the preparation of a taxoid of general formula



in which:

z represents a hydrogen atom or a radical of general formula:



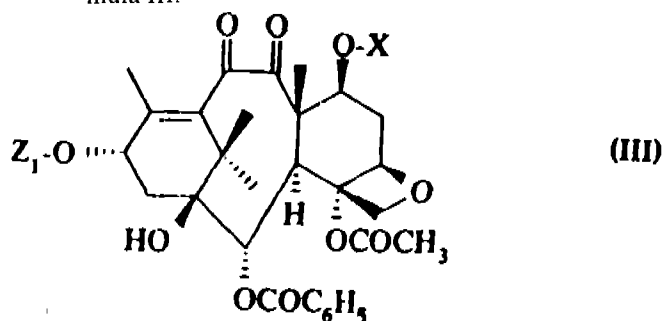
in which:

$R_1$  represents a benzoyl radical optionally substituted by one or more identical or different atoms or radicals chosen from halogen atoms and alkyl radicals containing 1 to 4 carbon atoms, alkoxy radicals containing 1 to 4 carbon atoms, or trifluoromethyl radicals, a thenoyl or furoyl radical or a radical  $R_2-O-CO-$  in which  $R_2$  represents an alkyl radical containing 1 to 8 carbon atoms, an alkenyl radical containing 2 to 8 carbon atoms, an alkynyl radical containing 3 to 8 carbon atoms, a cycloalkyl radical containing 3 to 6 carbon atoms, a cycloalkenyl radical containing 4 to 6 carbon atoms or a bicycloalkyl radical containing 7 to 10 carbon atoms, these radicals being optionally substituted by one or more atoms or radicals chosen from halogen atoms and hydroxyl radicals, alkoxy radicals containing 1 to 4 carbon atoms, dialkylamino radicals in which each alkyl portion contains 1 to 4 carbon atoms, piperidino or morpholino radicals, 1-piperazinyl radicals (optionally substituted at the 4-position by an alkyl radical containing 1 to 4 carbon atoms or by a phenylalkyl radical in which the alkyl portion contains 1 to 4 carbon atoms), cycloalkyl radicals containing 3 to 6 carbon atoms, cycloalkenyl radicals containing 4 to 6 carbon atoms, phenyl radicals (optionally substituted by one or more atoms or radicals chosen from halogen atoms and alkyl radicals containing 1 to 4 carbon atoms or alkoxy radicals containing 1 to 4 carbon atoms), cyano radicals, carboxyl radicals or alkoxycarbonyl radicals in which the alkyl portion contains 1 to 4 carbon atoms, a phenyl or  $\alpha$ - or  $\beta$ -naphthyl radical optionally substituted by one or more atoms or radicals chosen from halogen atoms and alkyl radicals containing 1 to 4 carbon atoms, or alkoxy radicals containing 1 to 4 carbon atoms, or a 5-membered aromatic heterocyclic radical, or a saturated heterocyclic radical containing 4 to 6 carbon atoms, optionally substituted by one or more alkyl radicals containing 1 to 4 carbon atoms,

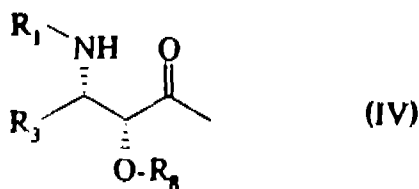
$R_2$  represents an alkyl radical containing 1 to 8 carbon atoms, an alkenyl radical containing 2 to 8 carbon atoms, an alkynyl radical containing 2 to 8 carbon atoms, a cycloalkyl radical containing 3 to 6 carbon atoms, cycloalkenyl radicals containing 4 to 6 carbon atoms, a phenyl or  $\alpha$ - or  $\beta$ -naphthyl radical optionally substituted by one or more atoms or radicals chosen from halogen atoms and alkyl, alkenyl, alkynyl, aryl, aralkyl, alkoxy, alkylthio, aryloxy, arylthio, hydroxyl, hydroxyalkyl, mercapto, formyl, acyl, acylamino, aroylamino, alkoxycarbonylamino, amino, alkylamino, dialkylamino, carboxyl, alkoxycarbonyl, carbamoyl, alkylcarbamoyl, dialkylcarbamoyl, cyano, nitro and trifluoromethyl radicals,

or a 5-membered aromatic heterocycle containing one or more identical or different hetero atoms chosen from nitrogen, oxygen and sulphur atoms and optionally substituted by one or more identical or different atoms or radicals chosen from halogen atoms and alkyl, aryl, alkoxy, aryloxy, amino, alkylamino, acylamino, dialkylamino, alkoxycarbonylamino, acyl, arylcarbonyl, cyano, carboxyl, carbamoyl, alkylcarbamoyl, dialkylcarbamoyl and alkoxycarbonyl radicals, on the understanding that, in the substituents of the pehnyl,  $\alpha$ - or  $\beta$ -naphthyl and aromatic heterocyclic radicals, the alkyl radicals and the alkyl portions of the other radicals contain 1 to 4 carbon atoms, and that the alkenyl and alkynyl radicals contain 2 to 8 carbon atoms, and that the aryl radicals are phenyl or  $\alpha$ - or  $\beta$ -naphthyl radicals, either  $R_4$  represents a hydrogen atom  $R_6$  and  $R_7$  together form a ketone function and  $R$  and  $R_5$  together form a bond, or  $R_4$  represents a hydroxyl radical,  $R_5$  represents a hydrogen atom,  $R_6$  represents a hydrogen atom and  $R$  and  $R_7$  together form a bond, which process comprises:

- (a) reacting a reducing agent, of the kind such as herein described with a 9, 10-diketo taxoid of general formula III.

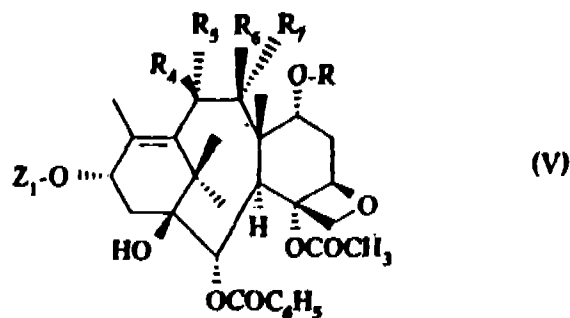


in which  $Z_1$  represents a hydrogen atom or a group protecting the hydroxyl function or a radical of general formula:



in which  $R_1$  and  $R_3$  are defined as above and  $R_8$  represents a group protecting the hydroxyl function, and  $X$  represents, with the oxygen atom to which it is linked, a leaving group chosen from alkylsulphonyl radicals containing 1 to 4 carbon atoms optionally substituted by one or more halogen atoms, or arylsulphonyl radicals in which the aryl portion is a phenyl radical optionally substituted by one or more identical or different atoms or radicals chosen from halogen atoms and alkyl radicals containing 1 to 4 carbon atoms, or nitro or

trifluoromethyl radicals, to obtain a compound of general formula V.



in which  $Z_1$ ,  $R$ ,  $R_4$ ,  $R_5$ ,  $R_6$  and  $R_7$  are as defined above, in the form of a mixture of a taxoid of general formula (I) in which  $R_4$  represents a hydrogen atom,  $R_6$  and  $R_7$  together form a ketone function, and  $R$  and  $R_5$  together form a bond, and of a taxoid of general formula (I) in which  $R_4$  represents a hydroxyl radical,  $R_5$  represents a hydrogen atom,  $R_6$  represents a hydrogen atom, and  $R$  and  $R_7$  together form a bond.

- (b) separating the thus obtained mixture by the various methods, such as those herein described;

- (c) if necessary, replacing by a hydrogen atom the protective group represented by  $Z_1$  or  $R_8$ , in a manner as herein described;

thereby to obtain a taxoid of the formula (I).

(Complete Specification: 63 Pages. Drawing Sheet: 1)

Ind. Cl. : 55 E

1867

Int. Cl.<sup>7</sup> : A61K 31/00.

AN IMPROVED PROCESS FOR THE PREPARATION OF 4-DEOXY-4-ALKYL-1H-PYRANO (3', 4': 6, 7) INDOLIZINO (1, 2b) QUINOLINE-3, 14 (4H, 12H)-DIOL

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001, INDIA (AN INDIAN REGISTERED BODY, INCORPORATED UNDER REGISTRATION OF SOCIETIES ACT, (ACT XXI OF 1860).

Inventor(s) : SUBHASH PRATAPRAO CHAVAN-INDIA & MEENAKSHISUNDARAM VENKATRAMAN-INDIA.

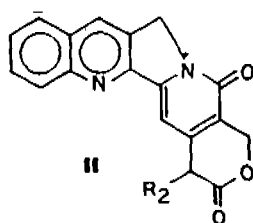
Application for Patent No. 2982/Del/96 filed on 30th December 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005

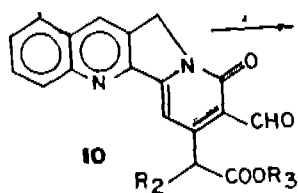
5 Claims

An improved process for the preparation of 4- deoxy-4- alkyl- 1H-pyrano (3', 4' : 6, 7) indolizino (1, 2b) quinoline-3,

14 (4H, 12H)-dione of general formula 11.



wherein  $R_2$  is alkyl group or H, which comprises reacting 8-(formyl)-7-(1-(alkoxycarbonyl) propyl) - 9, 11 dihydro-indolizino (1, 2b) quinoline-9-one of general formula 10.



wherein  $R_2$  is alkyl group or H, with a reducing agent containing metal hydride ion in a polar solvent or mixture thereof at a temperature range of  $-20^\circ\text{C}$  to ambient temperature for a time in the range of 60 minutes to 120 minutes, quenching the reaction with a polar quenching agent filtering through celite, concentrating to obtain 4-deoxy -4- alkyl -1H-pyrano (3', 4' : 6, 7) indolizino (1, 2b) quinoline -3, 14 (4H, 12H)-dione after purifying by conventional column chromatography.

(Complete Specification : 9 Pages. Drawing Sheet : 1)

Ind. Cl. : 32 C. 186770

Int. Cl. : C07K 15/00.

#### A METHOD OF PRODUCING ZPI PROTEIN.

Applicant : NATIONAL INSTITUTE OF IMMUNOLOGY, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860), ARUNA ASAF ALI MARG, NEW DELHI-110067, INDIA.

Inventor(s) : SATISH KUMAR GUPTA-INDIA, MANJU SHARMA-INDIA, ARUNA BEHRA-INDIA, RACHNA BISHT-INDIA & RENUKA KAUL-INDIA.

Application for Patent No. 8/Del/97 filed on 2.1.97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

7 Claims

A method of producing ZPI protein. said method comprising :

(a) obtaining a DNA sequence from ovarian tissue of *Macaca radiata* encoding for ZPI protein into a PCR Script SK (+) vector by any known method;

(b) excising ZPI transcript from soil vector and further making the same with suitable expression vector whereas detailed manner known per se;

(c) transfecting the ZPI pQE-30 vector obtained above in a host cell such as SG13009 (pREP4). BL 21 (DE3) and BL21 (plysS), and

(d) expressing ZPI protein from the transfected host cells in suitable nutrient conditions by any known method and if desired adding any suitable adjuvant diluents and carriers.

(Complete Specification: 29 Pages. Drawing Sheets : 10)

Ind. Cl. : 180

186771

Int. Cl. : F 24 C 5/00.

#### A STOVE.

Applicant : RAVI ROY. OF SITARAM PATH, NEAR KAMLA VIDEO HALL, CHAKRADHARPUR, WISINGHBUM-833 102, BIHAR, INDIA.

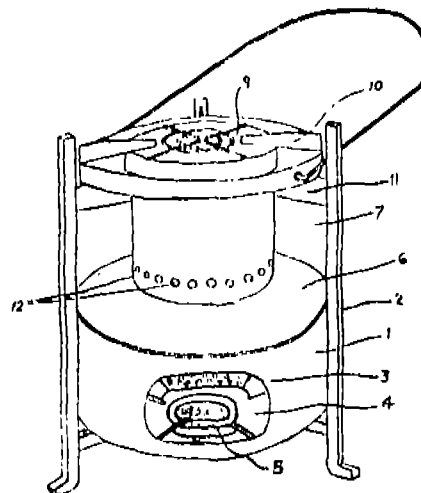
Inventor : RAVI ROY.

Application No. 1419/Cal/1995 filed on 9.11.1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Kolkata,

8 Claims

A stove operable on a fuel such as woods, dung, cake, and agricultural wastes comprising a main body (1) being supported on a plurality of stand legs (2) at the lower side thereof, a smoke guard (7) supported on said main body being provided for facilitating the burning of the smoke therein, a flame guard (9) is provided over said smoke guard, a stand (10) disposed on the supports (11) being secured at the top end of said support legs being provided for supporting the cooking utensils thereon and a handle (13) secured with said stand legs being provided for facilitating the transportation of said stoves.



(Complete Specification : 8 Pages. Drawing Sheets : 3)

Ind. Cl. : 199.

186772

Ind. Cl.<sup>4</sup> : B 01 D 35/143.**A MECHANISM FOR INDICATING THE END OF LIFE OF A FILTER CARTRIDGE.**

Applicant : RECOVERY ENGINEERING INC. OF 9300, NORTH 75TH AVENUE, MINNEAPOLIS, MINNESOTA 55428, UNITED STATES OF AMERICA.

Inventor : (1) LUND L. JAMES., (2) DAVID J EMMONS, (3) RICHARD D. HEMBREE.

Application for Patent No. 1438/Cal/95 filed on 13.11.95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Kolkata.

(10 Claims)

A mechanism (20, 100) for indicating the end of life of a filter cartridge (42, 104) for gravity fed water treatment assemblies, comprising:

a movable member (30, 130) movable by a rising and falling fluid level and advancing means (32) for advancing said member (30, 130) along a path for accumulating an indication of a total number of times that the fluid level has risen and fallen.

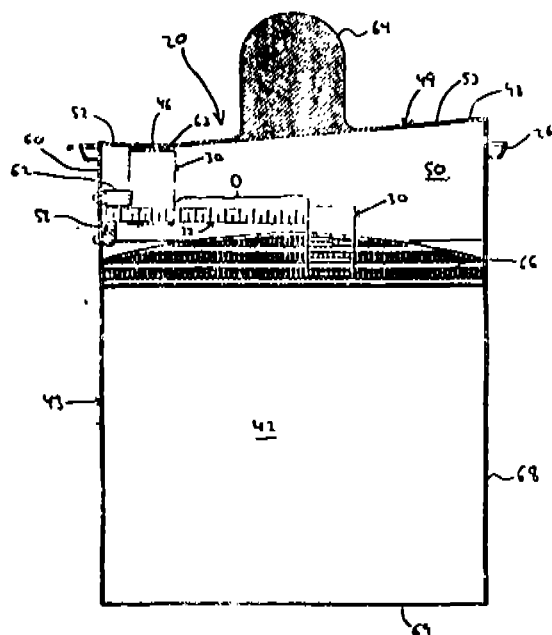


FIG. 4

(Complete Specification : 25 Pages. Drawing Sheet : 9)

Ind. Cl. : 186 B.

186773

Int. Cl.<sup>4</sup> : G 06 K-9.36.**POST-PROCESSING APPARATUS FOR USE IN A VIDEO SIGNAL DECODING SYSTEM.**

Applicant : DAEWOO ELECTRONICS CO. LTD. OF 541 GA, NAMDAEMOON-RO, JUNGKU, SEOUL, KOREA.

Inventor : KIM, SANG-HO.

Application for Patent No. 172/Cal/96 filed on 1.2.96.

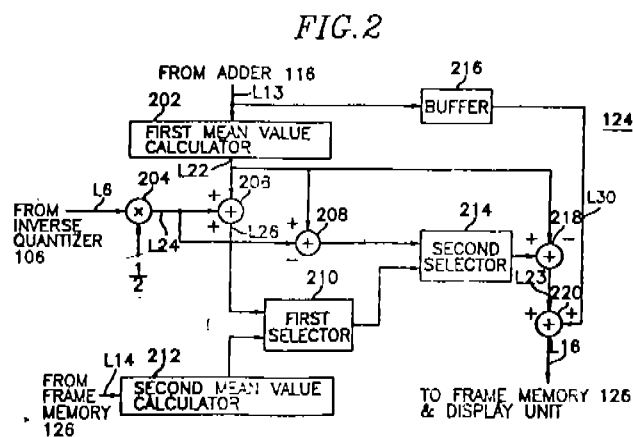
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Kolkata.

(2 Claims)

A post-processing apparatus for use in a video signal decoding system for decoding an encoded digital image signal comprising a first mean value calculator (202) for post-processing a current block and for calculating an average current pixel value (ACV) of current pixels located along a borderline between the current block and its neighboring blocks, wherein the encoded digital image signal includes a plurality of encoded blocks of quantized transform coefficients, and the current block corresponds to one of the encoded blocks having a quantized DC coefficient and a predetermined number of quantized AC coefficients, the quantized DC coefficient having been quantized based on DC quantization step size (QS), characterized in that the said apparatus comprises:

a second mean value calculator (212) for obtaining an average neighboring pixel value (ANV) of neighboring block pixels located along the borderline between the current block and the neighboring blocks; and

means for adjusting pixel values of the current block pixels based on the average neighboring pixel value, the average current pixel value, and the DC quantization step size.



(Complete Specification : 14 Pages. Drawing Sheets : 3)

Ind. Cl. : 186 B.

186774

Int. Cl.<sup>4</sup> : G 06 K-9/36.**APPARATUS FOR REMOVING A BLOCKING EFFECT FOR USE IN A VIDEO SIGNAL DECODING SYSTEM.**

Applicant : DAEWOO ELECTRONICS CO. LTD. OF 541 GA, NAMDAEMOON RO, JUNGKU, SEOUL, KOREA.

Inventor : KIM, SANG-HO.



Applicant : CORONET-WERKE GMBH OF POSTFACH 1180, D-69479 WALD-MICHELBAACH, GERMANY.

Inventor : GEORG WEIHRAUCH.

Application No. : 277/Cal/96 filed on 15.2.96.

(Convention No. 19506597.2 filed on 27.2.95 in Germany).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Kolkata.

#### 28 Claims

A method of manufacturing brushware, comprising the steps :—

- (a) providing a bristle carrier of elastic material having at least one substantially cylindrical recess,
- (b) providing an elongated bristle bundle having a plurality of individual bristles;
- (c) melting said bristles at a fastening end thereof to form a bristle-connecting thickened portion having a transverse cross-section larger than a narrowest transverse cross-section of the recess; and
- (d) with the axis of the bristle bundle aligned with the axis of the recess in the bristle carrier the bundle is driven into the recess by applying a force on the thickened portion, the wall of the recess elastically springing out so as to permit passage of the thickened portion while allowing the wall to spring back after passage of the thickened portion until engagement of the wall on the bristles of the bristle bundle occurs to secure the bristle bundle in the recess.

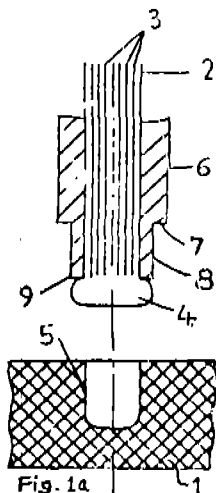


Fig. 1a

(Compl. Specn. : 20 Pages.

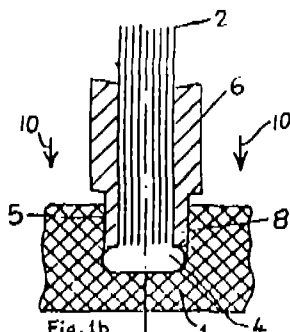


Fig. 1b

Drgns. Sheets : 4)

Ind. Cl. : 31 A.

186777

Int. Cl.<sup>4</sup> : H 01 G—4/02.

#### ELECTRICAL CAPACITOR.

Applicant : SIEMENS MATSUSHITA COM. GMBH & CO. KG OF BALANSTRASSE 73, 81617 MUENCHEN, GERMANY.

Inventor : VETTER HARALD.

Application No. : 296/Cal/96 filed on 19.2.96.

(Convention No. 19507696.6 filed on 6.3.95 in Germany.)

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Kolkata.

#### 6 Claims

Electrical capacitor, in particular a power capacitor, which is fitted in a housing which is closed in a gas-tight/or oil-tight manner and has bushing (1) which can be fitted for the capacitor connections and comprise metal bolts (3), which are electrically insulated from the housing, as well as insulators (4) in order to increase the leakage path, characterized in that the insulator (4) of the bushing (1) has at least one groove (7) in which an O-ring (6) is arranged; and said insulator (4) has a section (8) which extends into the interior of the housing and on which a mating piece (10) is mounted which connects the bushing (1), by bracing to the housing.

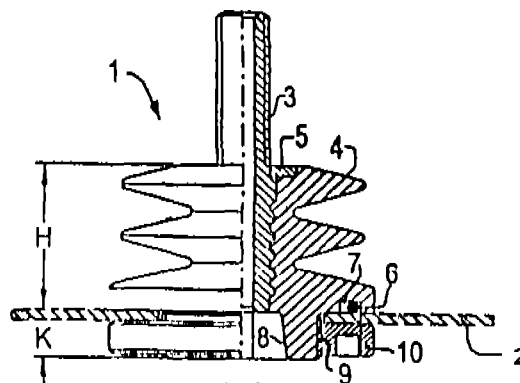


Fig. 1

(Compl. Specn. : 7 Pages.

Drgns. Sheets : 2)

Ind. Cl. : 148 L.

186778

Int. Cl. : G 06 K—1/20, B 41 J—5/52.

#### AN APPARATUS FOR DOUBLE-SIDED PRINTING OF IDENTIFICATION CARDS.

Applicant : KUNZ GMBH OF OBACHGASSE 20, A-1220, WIEN, AUSTRIA.

Inventor : DORNER FRANK.

Application No. : 700/Cal/96 filed on 17.4.96.

(Convention No. 19514999.8 filed on 24.4.95 in Germany.)

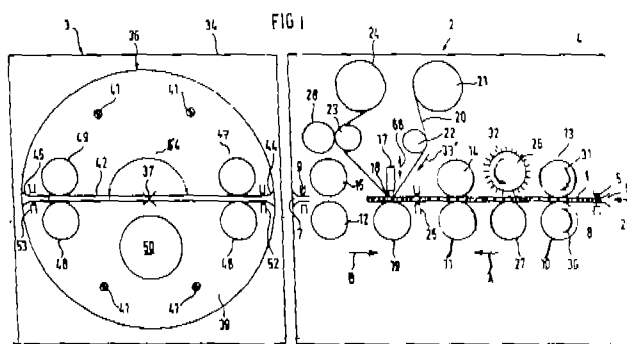
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Kolkata.

#### 5 Claims

An apparatus of double-sided printing of identification cards, said apparatus comprising a printing unit (2) and reversing unit (3) for reversing and further transporting the printed card, wherein the printing unit comprises a thermal printhead (17), a first card transport device (10—15) for moving the card past the thermal printhead stepwise, said

first card transport device being provided with an input sensor (8) on its side facing away from the reversing unit (3) for switching on of the first card transport device when a card is fed and an output sensor (9) on its side facing the reversing unit (3) for switching off the first card transport device, and the reversing unit comprises a rotor (36), which rotor has a rotation axis extending perpendicular to the direction of card transport, a second card transport device (46—49) secured to the rotor and a device (38) for turning the rotor by  $180^\circ$  when a card is fed,

said second card transport device being provided on the rotor (36) of the reversing unit (3) as a rotating transport device which is controlled so that it feeds the card (1) printed on one side and turned by  $180^\circ$  to printing unit (2) again without changing its direction of rotation, the first card transport device of the printing unit (2) being switchable from the forward to the return transport direction (A and B, respectively), for return transport of the card (1) from the output sensor (9) to the input sensor (8), the output sensor (9) switching on the first card transport device of the printing unit (2) switched to the return transport direction (B) when the reversed card (1) printed on one side is fed from the reversing unit (3), and the input sensor (8) switching back the card transport device to the forward transport direction (A) after the card (1) is fed from the output sensor (9) for printing the other side of the card (1) with the thermal printhead (17) and feeding the card (1) printed on both sides to the reversing unit (3).



(Compl. Specn. : 20 Pages.

Drgns. Sheets : 2

Ind. Cl. : 147 E, 206 E.

186779

Int. Cl.<sup>4</sup> : H 04 N—9/80.

**APPARATUS FOR RECORDING A DIGITAL SIGNAL IN A FIRST TRACK PART OF TRACKS ON A MAGNETIC RECORD CARRIER.**

Applicant : KONINKLIJKE PHILIPS ELECTRONIC N. V. OF GROENEWOUDSEWEG 1, 5621 BA EINDHOVEN, THE NETHERLANDS.

Inventor : GESTEL WILHELMUS JACOBUS VAN.

Application No. : 1404/Cal/98 filed on 6.8.98.

(Divided out of No. 869/Cal/91 antedated to 20.11.91.)

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Kolkata.

#### 4 Claims

Apparatus for recording a digital signal in track parts of tracks on a magnetic record carrier, which tracks run parallel to each other over the record carrier and at an angle relative to the longitudinal axis of this record carrier, the apparatus comprises

—an input terminal (70) for receiving the digital signal,

—a signal processing unit comprising audeo processor (50), video processor (51), auxiliary processor (52), random access memory (56), identification information generator (57), sync generator (58), precoder (59), for processing the digital signal so as to make the digital signal suitable for recording in the tracks on the record carrier, the signal processing unit having an input coupled to the input terminal (70) and an output,

—a codeword generator unit (63) having an output for generating first codewords, the first codewords comprising a sequence of, successively, p bits having a first binary value, q bits having a second binary value being the inverse binary value of the first binary value and r bits having the first binary value, wherein p, q and r are odd integers for which the following holds  $p \geq 3$   $q \geq 3$  and  $r \geq 3$ ,

—a recording unit (61) having an input coupled to the outputs of the signal processing unit and the codeword generator, the said signal processing unit, the codeword generator unit and the recording unit being operable to record in each track, digital information in first track parts (TP 1) and in third track parts (TP 3), the first track parts (TP 1) and in third track parts (TP 3) being separated by a fourth track part (TP 4), and

—first codewords in second track parts (TP 2) and the fourth track parts (TP 4).

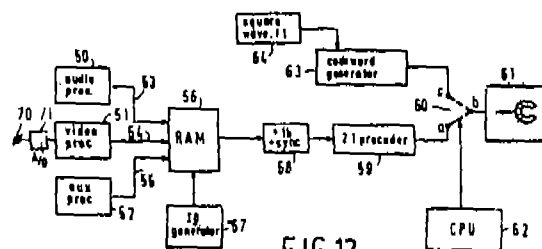


FIG 12

(Compl. Specn. : 36 Pages.

Drgns. Sheets : 8)

Ind. Cl. : 32 F<sub>2</sub> (a).

186780

Int. Cl.<sup>4</sup> : C 07 C 69/017.

**A PROCESS FOR THE PRODUCTION OF 2, 3, 5-TRIMETHYLHYDROQUINONE DIESTER.**

Applicant : DEGUSSA-HULS AKTIENGESellschaft, OF D-60287 FRANKFURT AM MAIN, GERMANY.



Inventors : 1. DR. KRILL STEFFEN, 2. WEIGEL HORST, 3. DR. HUTHMACHER KLAUS, 4. DR. SHI NONGYUAN & DR. MARKOWZ GEORG.

Application No. : 36/Cal/2000 filed on 20.1.2000.

(Convention No. 19903269.6 on 28.01.99 in Germany.)

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Kolkata.

#### 9 Claims

A process for production of 2, 3, 5-trimethylhydroquinone diester by catalytic reaction of 1,2-isoproporone (KIP) with an acylating agent such as herein described, characterized in that,

- a carboxylic anhydride having a C<sub>1</sub> to C<sub>4</sub> alkyl residue is used as the acylating agent, after the reaction;
- a proportion of the resultant carboxylic acid is optionally removed by distillation;
- the reaction solution is cooled to a temperature of -10 to 35°C, preferably of 0 to 30°C;
- the product which has crystallised out is separated and washed and;
- the filtrate is returned to step (a), optionally after removing a proportion of the resultant carboxylic acid by distillation and optionally after discharging a proportion of the filtrate.

(Compl. Specn. : 11 Pages.

Drgns. Sheet : Nil)

#### OPPOSTION PROCEEDINGS

An opposition entered by M/s. India Nippon Electricals Limited, Tamilnadu to the grant of a patent to the Application No. 183603 (538/Cal/95) has been dismissed and the application for patent has been ordered to proceed for sealing along with the amendments as ordered.

#### OPPOSTION PROCEEDINGS U/S. 25.

The opposition entered by M/s. Hindustan Lever Limited, Mumbai to the grant of a patent to the Application No. 185259 (2220/Cal/98) has been dismissed.

#### RESTORATION PROCEEDINGS

Notice is hereby given than an application for Restoration of Patent No. 182977 dated 25.10.1993 made by T. V. Jagadeshan on 23.10.2000 has been allowed and the said patent restored.

#### RENEWAL FEES PAID

182144 184154 184219 184751 184755 184756 184757  
175193 177366 179234 184523 174957 178788 183370  
184819 177957 172711 183601 179023 171375 182621  
184027 183734 184882 185135 179060 171744 182234  
177958 183391 183442 184634 184635 184817 184818  
184820 185413 183409 183120 181999 182290 183740  
183279 180703 184379 184380 182505 182533 170647

175157 175184 176691 176250 174936 177459 180891  
172790 175841 183432 176090 184666 184778 184871  
184700 184739 184740 184803 184646 184647 184648  
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172726 174646 184866 184869 184943 184958 184967  
185004 185026 185027 174904 175240 175230 184576  
184498 184977 184802 184880 184681 184682 184695  
184697 184699 184763 184764 184765 184770 178445  
178371 176599 182608 184486 184488 184489 184490  
184494 184831 184836 184851 184855 184862 184828  
184977 184768 184769 184807 184879 184641 184642  
184643 184644 184645 184684 184686 184687 184804  
184810 184731 184865 184876 180174 180175 184840  
184908 184925 184926 184952 184980 185008 185024  
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184665 184725 184727 184729 184746 184747 184750  
184770 184776 178938 175748 174173 178987 174555  
176153 176144 180879 184552 184564 184565 184566  
184978 184736 185196 185179 176023 176084 176129  
176404 176426 176867 177741 177745 179795 180173  
184692 185119 183949 184558 180564 184569 184895  
184896 184897 184899 184954 184955 184973 184974  
184975 184563 184922 184966 184970 176028 176022  
176873 174783 176605 177730 176721 176173 175171  
177746 175432 176424 176425 180178 178692 176423  
183927 177874 177057 180732 184103 184110 184162  
174487 178239 178372 174637 177744 176155 178457  
177195 179536 179797 184167 184858 184898 185025  
185141 185148 185173 184723 176138 177060 177742  
177915 177933 177991 177992 177993 178149 178150  
178176 178375 180193 180560 180562 180565 181296  
182524 182525 182526 174175 174777 174782 175573  
175602 175719 170465 171013 174231 174343 174472  
174810

#### PATENT SEALED ON 05.10.2001

185603 185604 185641 185642 185653 185655 185656  
185672 185674 185678\* 185679\* 185680\*

#### KOL-02, DEL-05, MUM-05, CHEN-NIL

\*Patent shall be deemed to be endorsed with words licence of right under Section 87 of the Patents Act, 1970 from the date of expiration of three years of the date of sealing.

D—Drug Patents

F—Food Patents

#### REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class. 01. No's. 184919 to 184921. General Engineering & Electric Works. 9, Dinoo Lane, Kadamtala, Howrah 711 101, W.B., India. "ELECTRIC MOTOR", 2 March 2001.

- |            |  |            |   |
|------------|--|------------|---|
| Class. 01. | No's. 185179 & 185178. Jagdamba Industries, 10/4763, IInd Floor, Dipti Ganj, Delhi-110 006, India. "CUTLERY", 27 March 2001.   | Class. 03. | No. 185606. Sparkle Appliances (India), T-42, Karam Pura, New Delhi-110015, Near Dharmasala (Haryana). "SODA MAKER", 21 May 2001.   |
| Class. 01. | No. 185172. Jagdamba Industries, 10/4763, IInd Floor, Dipti Ganj, Delhi-110 006, India. "CUTLERY SET", 27 March 2001.  | Class. 03. | No. 185304 & 185305. Electrocontrol System, 156 Tarak Pramanik Road, Calcutta-700 006, W.B., India. "EMERGENCY LIGHT", 12 April 2001.   |
| Class. 01. | No's. 185174 & 185175 Jagdamba Industries, 10/4763, IInd Floor, Dipti Ganj, Delhi-110 006, India. "CUTLERY", 27 March 2001.  | Class. 03. | No. 184995. Birani Electricals Pvt. Ltd., 8, Sanu Manzil, 1st Floor, 3rd Marine Street, Dhobi Talao, Mumbai-400002, Maharashtra, India. "ELECTRIC SWITCH", 12 March 2001.                                   |
| Class. 01. | No. 185225. National Electric Company, Near Patel Trunk Factory, Anand Sojitra Road, Anand 388001. Gujarat, India. "ELECTROMAGNETIC HAMMER MACHINE", 2 April 2001.   | Class. 03. | No. 184692. J. K. Electrical Industries, B-28/31, Shukla Estate, Singh Compound, (Opp. Ajit Glass), S. V. Road, Jogeshwari (W), Mumbai-400102, Maharashtra, India. "SWITCH", 16 February 2001.              |
| Class. 01. | No's. 185171 & 185173. Jagdamba Industries, 10/4763, IInd Floor, Dipti Ganj, Delhi-110 006, India. "CUTLERY SET", 27 March 2001.   | Class. 03. | No. 184693. J. K. Electrical Industries, B-28/31, Shukla Estate, Singh Compound, (Opp. Ajit Glass), S. V. Road, Jogeshwari (W), Mumbai-400102, Maharashtra, India. "SWITCH", 16 February 2001.              |
| Class. 01. | No. 185170. Jagdamba Industries, 10/4763, IInd Floor, Dipti Ganj, Delhi-110 006, India. "KITCHEN TOOLS", 27 March 2001.  | Class. 03. | No. 184694. J.K. Electrical Industries, B 28/31, Shukla Estate, Singh Compound, (Opp : Ajit Glass), S.V. Road, Jogeshwari (W), Mumbai 400102, Maharashtra, India. "CASING", 16 February 2001.               |
| Class. 01. | No. 185034. Bhalla International, 26 Mohkampur, Industrial Complex, Phase I, Delhi Road, Meerut (U.P.), India. "CENTRAL RAIL OF STARTING BLOCK AS SPORTS GOODS (TRACK & FIELD EQUIPMENTS)", 13 March 2001. | Class. 04. | No. 182109. Hindustan Sanitaryware & Industries Ltd, Ceramic Divn., Bahadurgarh 124507, Haryana, India. "EWC SYPHONIC WITH CISTERN REGAL", 13 April 2000.   |
| Class. 01. | No. 184817. Magppie Exports, PD-4-B, Pitampura, Delhi-110 034, India. "FRUIT BOWL" 184817.   | Class. 04. | No's. 184435 to 184438. Beautimatic International Ltd., Abbey House Eastways Witham Essex Cns. 3yl, England. "PERFUME BOTTLE". 11 January 2001.   |
| Class. 01. | No's. 185164 & 185165. Jagdamba Industries, 10/4763, IInd Floor, Dipti Ganj, Delhi-110 006, India. "KITCHEN TOOL", 27 March 2001.  | Class. 04. | No. 185234. Madhusudan Industries Ltd., (Madhusudan Ceramics), Madhusudan House, Opp Navrangpura Telephone Exchange, Navrangpura, Ahmedabad 380009, Gujarat, India. "COUNDER TOP WASH BASIN", 3 April 2001. |
| Class. 01. | No. 185042. UNIBROS (P) Ltd. A-48, Mohan Co-operative Industrial Estate, N. Delhi-110044, India. "PRESSURE COOKER", 14 March 2001.   | Class. 12. | No. 185065. Chongqing Zongshen Technology Development and Research Ltd., No. 25 Erlang Road, Shiqiaopu, Chongqing City, 400039, People's Republic of China. "MOTORCYCLE", 19 March 2001.                    |
| Class. 01. | No. 185012. Earl Bihari Pvt. Ltd., At 148-F, St. Cyril's Road, Bandra, Mumbai-400 050, Maharashtra, India. "TABLE CONNECTOR", 13 March 2001.   |            |   |
| Class. 03. | No's. 185318 & 185319. Family Plastics and Thermoware, 108 Marol Bhuvan, M. V. Road, Andheri (E), Mumbai-400 059, Maharashtra, India. "STOOL", 16 April 2001.  |            |   |
| Class. 03. | No. 184117. Vam Organic Chemicals Ltd., Plot No. 1-A, Sector-16-A, Institutional Area, Noida 201301, U.P., India. "CONTAINER", 7 December 2000.  |            |   |

H. D. THAKUR

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